

$$\phi = (\sqrt{5} - 1) \div 2 = 0.618033988749895$$

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610...

$W = 1$  (Width)

$H = \phi \times W$  (Height)

Star:

5 Points, Centered in Blue Rectangle

Star Width =  $\phi \times (W - H)$

Colors:

Red H:350° S:90% V:75%  
 R:75% G:7½% B:18¾%  
 C: 0% M:90% Y:75% K:25%  
 Hex: #C01330

Blue H:230° S:75% V:50%  
 R:12½% G:18¾% B:50%  
 C:75% M:62½% Y: 0% K:50%  
 Hex: #203080

# a New Texas Flag

## Defining Flag Dimensions Using the **Golden Ratio**

This artwork specification is licensed under:

(CC BY-SA-ND 4.0) Creative Commons, Attribution, Share Alike, No Derivative Works.

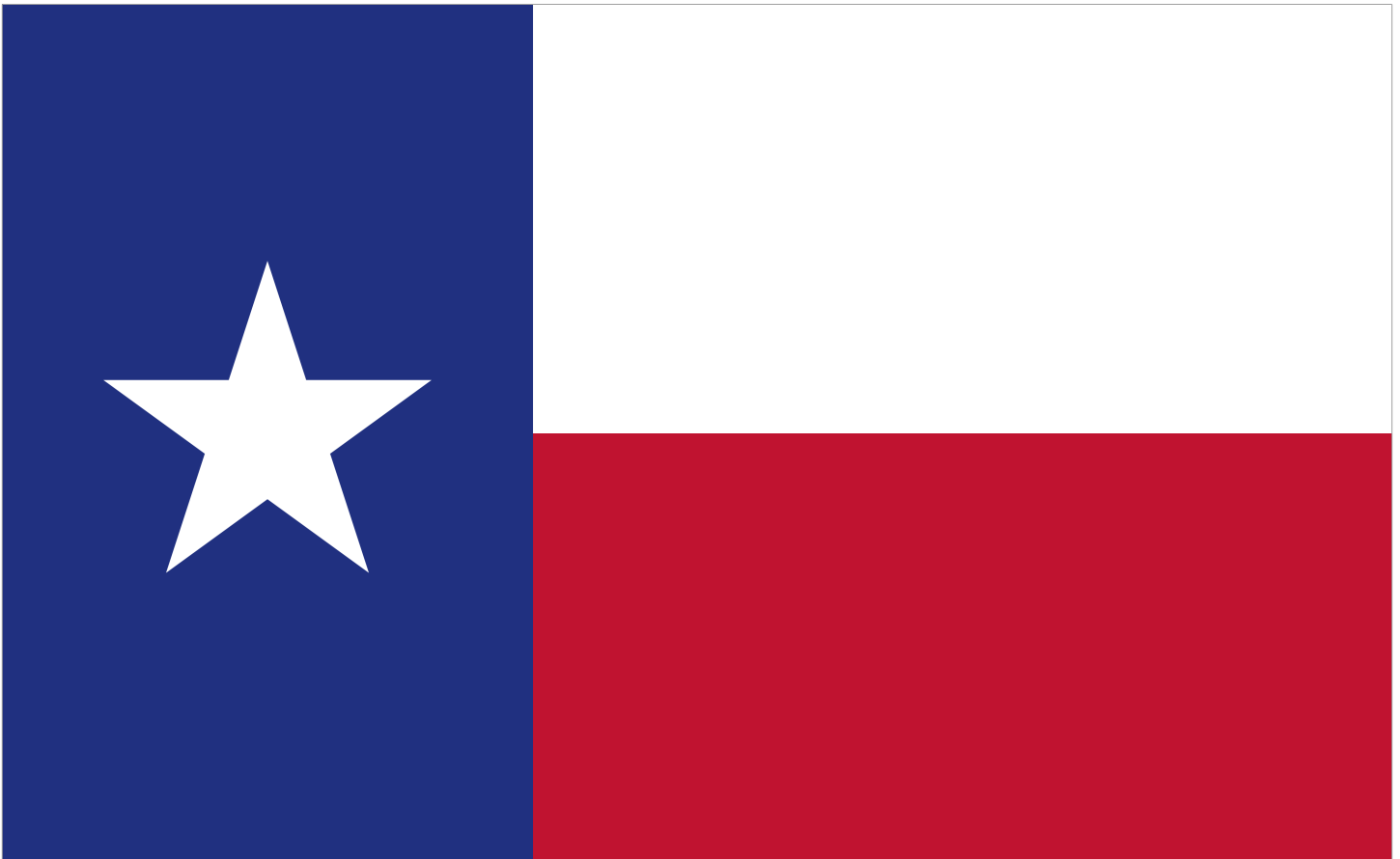
For this specification **No Derivative Works** is defined as:

You may create a **New Texas Flag** in any size you like as long as you use the specifications above using the exact **Golden Ratio** of  $\phi$  or integer values within the Fibonacci sequence with the minimum **Width** of **55** and the **Red**, **White** (Safe) & **Blue** **sRGB** defined colors. Hint: The **Height** should be an even number within the Fibonacci sequence since it will be divided by **2**. The Seal of Texas, Texas Coat of Arms or other official graphic may be placed in the center of the **Red** & **White** square using the current standard scaling ratios.

Yellow/Gold is **NOT** a defined color above so **NO** fringe around the Flag.

Copyright ©Sep2018 J. S. Gilstrap – All Rights Reserved. &  
(CC BY-SA-ND 4.0) Creative Commons, Attribution, Share Alike, No Derivative Works.

**4181x2584** Highlight and copy to clipboard then paste into image editor. Save image in format desired.



The flag above is licensed under (CC BY-SA-ND 4.0) Creative Commons, Attribution, Share Alike, No Derivative Works.

# Scaleable Vector Graphic Specifications

## Horizontal:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
```

```
<!-- A New Texas Flag – J. S. Gilstrap ©Sep2018 –
```

```
(CC BY–SA–ND 4.0) Creative Commons, Attribution, Share Alike, No Derivative Works. -->
```

```
<!-- Red=#C01330 HSV: 350°, 90%, 75% sRGB: 75 %, 7½%, 18¾% CMYK: 0%, 90%, 75%, 25% -->
```

```
<!-- Blue=#203080 HSV: 230°, 75%, 50% sRGB: 12½%, 18¾%, 50% CMYK: 75%, 62½%, 0%, 50% -->
```

```
<!-- White=#FFFFFF (Safe) -->
```

```
<svg width="233.000cm" height="144.000cm" viewBox="-0.000 -0.000 233.000 144.000"
```

```
xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink">
```

```
<rect x="89.000" y="0.000" width="144.000" height="72.000" fill="#FFFFFF" stroke="none"/>
```

```
<rect x="89.000" y="72.000" width="144.000" height="72.000" fill="#C01330" stroke="none"/>
```

```
<rect x="0.000" y="0.000" width="89.000" height="144.000" fill="#203080" stroke="none"/>
```

```
<polygon fill="#FFFFFF" stroke="none" points="72.000,63.061 50.992,63.061 44.500,43.081 38.008,63.061  
17.000,63.061 33.996,75.409 27.504,95.389 44.500,83.041 61.496,95.389 55.004,75.409 "/>
```

```
</svg>
```

## Vertical:

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
```

```
<!-- A New Texas Flag – J. S. Gilstrap ©Sep2018 –
```

```
(CC BY–SA–ND 4.0) Creative Commons, Attribution, Share Alike, No Derivative Works. -->
```

```
<!-- Red=#C01330 HSV: 350°, 90%, 75% sRGB: 75 %, 7½%, 18¾% CMYK: 0%, 90%, 75%, 25% -->
```

```
<!-- Blue=#203080 HSV: 230°, 75%, 50% sRGB: 12½%, 18¾%, 50% CMYK: 75%, 62½%, 0%, 50% -->
```

```
<!-- White=#FFFFFF (Safe) -->
```

```
<svg width="144.000cm" height="233.000cm" viewBox="-0.000 -0.000 144.000 233.000"
```

```
xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink">
```

```
<rect x="0.000" y="89.000" width="72.000" height="144.000" fill="#FFFFFF" stroke="none"/>
```

```
<rect x="72.000" y="89.000" width="72.000" height="144.000" fill="#C01330" stroke="none"/>
```

```
<rect x="0.000" y="0.000" width="144.000" height="89.000" fill="#203080" stroke="none"/>
```

```
<polygon fill="#FFFFFF" stroke="none" points="99.500,35.574 78.492,35.574 72.000,15.594 65.508,35.574  
44.500,35.574 61.496,47.922 55.004,67.902 72.000,55.554 88.996,67.902 82.504,47.922 "/>
```

```
</svg>
```

**Copy the horizontal and/or vertical specification(s),  
paste into text file(s) and save with a .svg extension.**