

Converting Colors

Hex(575B80)

Have a look what the booklet for
Hex(575B80) contains.

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Color

Hex(575B80)

Conversions

Conversions Part 1

Format	Color
Hex	575B80
RGB	87, 91, 128
RGB Percent	34%, 36%, 50%
CMY	0.6588, 0.6431, 0.4980
CMYK	0.32, 0.29, 0.00, 0.50
HSL	234°, 19%, 42%
HSV	234°, 32%, 50%
XYZ	11.5678, 11.0669, 21.9485
YIQ	94.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

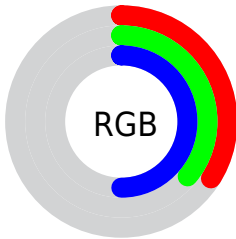
Format	Color
R_{YB}	87, 91, 128
Decimal	5725056
CIE _{Lab}	39.69, 7.73, -21.25
CIE _{LCh}	40, 22.608, 289.991
Yxy	11.0669, 0.2595, 0.2482
Android (android.graphics.Color)	4283915136 (0xFF575B80)
YUV	94.0220, 16.7512, -6.1583
Hunter-Lab	33.2670, 3.8522, -15.8308

Details

The Hex color **575B80** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **807C57**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8A8DB5**, and **272D4F** is the 20% darker color. If you saturate the color by 10%, you get **4A4F80**, and if you desaturate by 10%, it is **646780**.

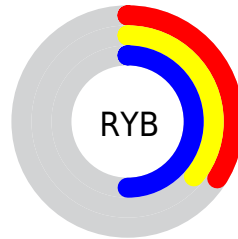
Distribution



Red (34%)

Green (36%)

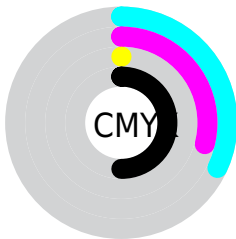
Blue (50%)



Red (34%)

Yellow (36%)

Blue (50%)

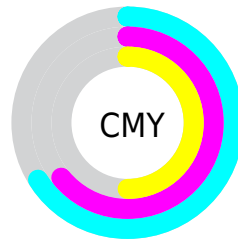


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (50%)



Cyan (66%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575B80 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 575B80 by changing the saturation by 10% instead.

■ 575B80

■ 575B80

FFFFFF

■ 3F4467

■ 8A8DB5

■ 272D4F

■ A5A7D1

■ 101938

■ C0C3ED

■ 000022

■ DCDEFF

■ 000008

■ F9FBFF

■ 000000

■ 575B80

■ 575B80

■ 4A4F80

■ 646780

■ 3D4480

■ 717280

■ 313880

■ 7D7E80

■ 242D80

■ 8A8980

■ 172180

■ 979580

■ 0A1680

■ A4A080

■ 000C80

■ B1AC80

■ BDB780

■ CAC380

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3A6181



575B80



6F5475

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



575B80



7D5442



326756

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



575B80



807C57

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



486545



575B80



705A39

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



575B80



825052



5D603A



1D6769

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



575B80



7A516B



5D603A



396750

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



575B80



9597A6



57807C



4A4B54



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



575B80



676DA6



675780



393A40



000C80



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80575B



A6676D



708057



40393A



80000C



000000

Previews

White Background



This preview shows how the Hex color 575B80 looks on a white background.

Color Contrast Check

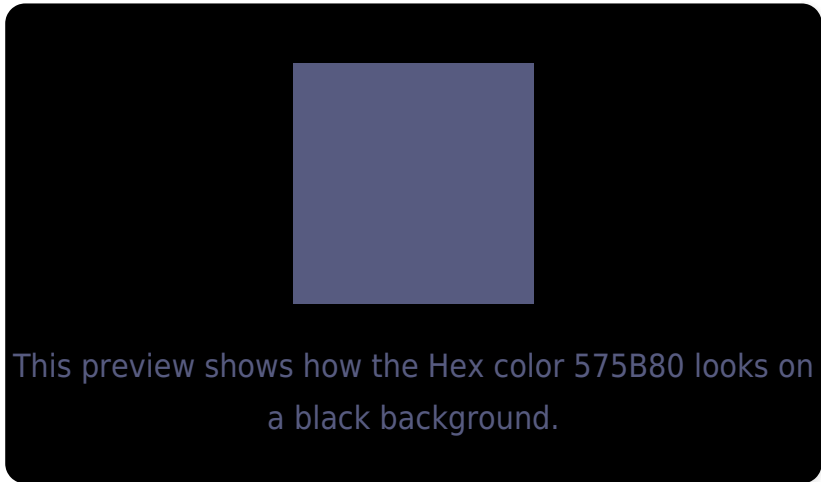
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

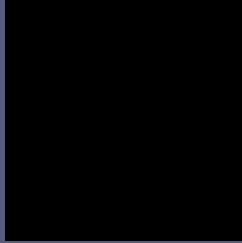
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 575B80 Background



This preview shows how black text looks on a background with the Hex color 575B80.



This preview shows how white text looks on a background with the Hex color 575B80.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
575B80

Protanopia
525C81

Deuteranopia
535C80



Tritanopia
526067

Trichromacy



Original Color
575B80

Protanomaly
545C81

Deuteranomaly
545C80

Tritanomaly
545E70

Monochromacy



Original Color
575B80

Achromatopsia
5E5E5E

Achromatomaly
5B5D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 575B80 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #575B80 looks like.

```
.text, #text, p{  
    color:#575B80  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #575B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575B80
}
```

Border

The CSS property to change the border of an element to Hex 575B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#575B80 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#575B80 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #575B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575B80; -webkit-box-shadow:4px 4px  
4px 4px #575B80; box-shadow:4px 4px 4px  
4px #575B80 }
```

Background

The CSS property to change the background color of an element to Hex 575B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575B80 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#575B80 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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