

Converting Colors

Hex(575B9F)

Have a look what the booklet for
Hex(575B9F) contains.

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Color

Hex(575B9F)

Conversions

Conversions Part 1

Format	Color
Hex	575B9F
RGB	87, 91, 159
RGB Percent	34%, 36%, 62%
CMY	0.6588, 0.6431, 0.3765
CMYK	0.45, 0.43, 0.00, 0.38
HSL	237°, 29%, 48%
HSV	237°, 45%, 62%
XYZ	13.9296, 12.0116, 34.3852
YIQ	97.5560, -24.2120, 20.3000

Conversions

Conversions Part 2

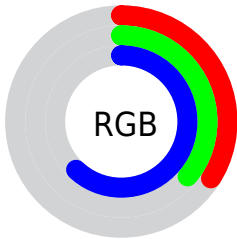
Format	Color
R_{YB}	87, 91, 159
Decimal	5725087
CIE _{Lab}	41.23, 16.91, -37.52
CIE _{LCh}	41, 41.153, 294.268
Yxy	12.0116, 0.2309, 0.1991
Android (android.graphics.Color)	4283915167 (0xFF575B9F)
YUV	97.5560, 30.2919, -9.2576
Hunter-Lab	34.6578, 11.0912, -34.5633

Details

The Hex color **575B9F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F9B57**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8C8DD6**, and **212E6B** is the 20% darker color. If you saturate the color by 10%, you get **474C9F**, and if you desaturate by 10%, it is **676A9F**.

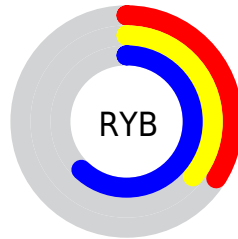
Distribution



Red (34%)

Green (36%)

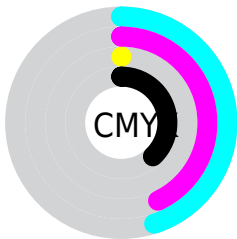
Blue (62%)



Red (34%)

Yellow (36%)

Blue (62%)

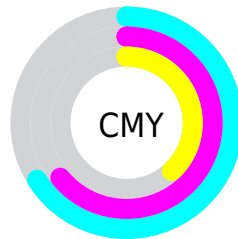


Cyan (45%)

Magenta (43%)

Yellow (0%)

Black (38%)



Cyan (66%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575B9F 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 575B9F by changing the saturation by 10% instead.

■ 575B9F

■ 575B9F

FFFFFF

■ 3D4485

■ 8C8DD6

■ 212E6B

■ A8A7F3

■ 001952

■ C4C3FF

■ 00003B

■ E1DEFF

■ 000224

■ FEFBFF

■ 00000C

■ 000000

■ 575B9F

■ 575B9F

■ 474C9F

■ 676A9F

■ 373D9F

■ 77799F

■ 272E9F

■ 87889F

■ 171F9F

■ 97979F

■ 07109F

■ A6A69F

■ 00099F

■ B6B59F

■ C6C49F

■ D6D39F

■ E6E29F

Harmonies

Analogous

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



0067A4



575B9F



844D89

Triad

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



575B9F



92502B



007159

Complementary

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



575B9F



9F9B57

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.



2D6E38



575B9F



795D19

Square

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



575B9F



9E4547



59681F



00717C

Rectangle

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



575B9F



964574



59681F



00714E

Sweetspot

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



575B9F



B2B3CF



579F9A



575869



E8E8E8



696969

Same Dimension

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



575B9F



5F65CF



76579F



47484F



00088F



00010F

Inverse Universe

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



9F575B



CF5F65



809F57



4F4748



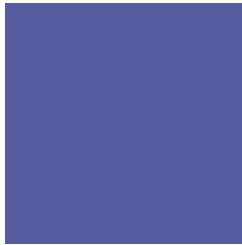
8F0008



0F0001

Previews

White Background



This preview shows how the Hex color 575B9F 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

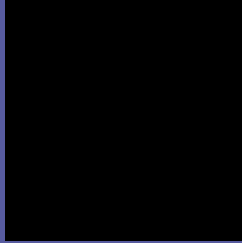
Any Text WCAG AA × Fail

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 575B9F Background



This preview shows how black text looks on a background with the Hex color 575B9F.

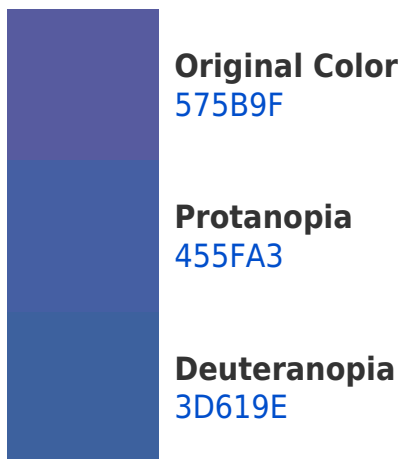



This preview shows how white text looks on a background with the Hex color 575B9F.

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





Tritanopia
4A666E

Trichromacy



Original Color
575B9F

Protanomaly
4C5EA2

Deuteranomaly
465F9E

Tritanomaly
4F6280

Monochromacy



Original Color
575B9F

Achromatopsia
626262

Achromatomaly
5E5F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 575B9F 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 #575B9F looks like.

```
.text, #text, p{  
    color:#575B9F  
}
```

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 #575B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575B9F
}
```

Border

The CSS property to change the border of an element to Hex 575B9F 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".

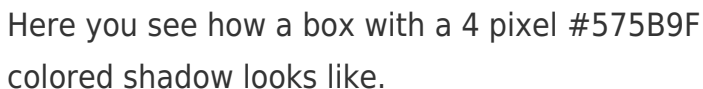
```
.border, #border, table{ border:4px solid
#575B9F }
```

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

```
.border{ border-color:#575B9F }
```

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

Here you see how a box with a 4 pixel #575B9F colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575B9F; -webkit-box-shadow:4px 4px  
4px 4px #575B9F; box-shadow:4px 4px 4px  
4px #575B9F }
```

Background

The CSS property to change the background color of an element to Hex 575B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575B9F }
```

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

```
.background{ background-color:#575B9F }
```

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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