

Converting Colors

Hex(575B98)

Have a look what the booklet for
Hex(575B98) contains.

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Color

Hex(575B98)

Conversions

Conversions Part 1

Format	Color
Hex	575B98
RGB	87, 91, 152
RGB Percent	34%, 36%, 60%
CMY	0.6588, 0.6431, 0.4039
CMYK	0.43, 0.40, 0.00, 0.40
HSL	236°, 27%, 47%
HSV	236°, 43%, 60%
XYZ	13.3391, 11.7754, 31.2756
YIQ	96.7580, -21.9650, 18.1230

Conversions

Conversions Part 2

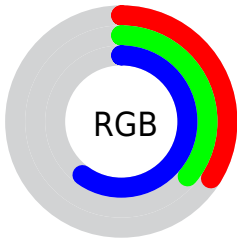
Format	Color
RYB	87, 91, 152
Decimal	5725080
CIELab	40.86, 14.76, -33.93
CIELCh	41, 37.004, 293.513
Yxy	11.7754, 0.2365, 0.2088
Android (android.graphics.Color)	4283915160 (0xFF575B98)
YUV	96.7580, 27.2343, -8.5578
Hunter-Lab	34.3153, 9.3348, -30.0173

Details

The Hex color **575B98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **989457**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8C8DCF**, and **232E65** is the 20% darker color. If you saturate the color by 10%, you get **484D98**, and if you desaturate by 10%, it is **666998**.

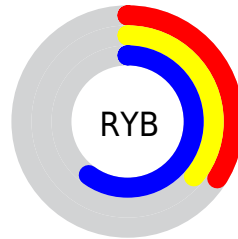
Distribution



Red (34%)

Green (36%)

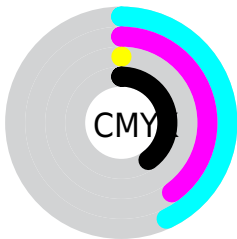
Blue (60%)



Red (34%)

Yellow (36%)

Blue (60%)

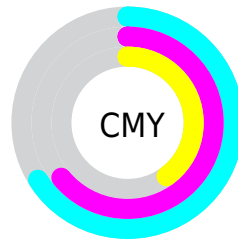


Cyan (43%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (66%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575B98 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 575B98 by changing the saturation by 10% instead.

■ 575B98

■ 575B98

FFFFFF

■ 3D447E

■ 8C8DCF

■ 232E65

■ A7A7EB

■ 02194C

■ C3C3FF

■ 000035

■ DFDEFF

■ 00021F

■ FCFBFF

■ 000002

■ 000000

■ 575B98

■ 575B98

■ 484D98

■ 666998

■ 393E98

■ 757898

■ 293098

■ 858698

■ 1A2298

■ 949498

■ 0B1498

■ A3A298

■ 000998

■ B2B198

■ C1BF98

■ D1CD98

■ E0DB98

Harmonies

Analogous

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



00669C



575B98



7F4F85

Triad

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



575B98



8D5130



006F58

Complementary

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



575B98



989457

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.



356C3B



575B98



775C22

Square

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



575B98



98484A



5A6626



006F78

Rectangle

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



575B98



8F4872



5A6626



016E4E

Sweetspot

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



575B98



ABACC4



579894



545563



E3E3E3



636363

Same Dimension

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



575B98



6066C4



735798



45454D



00098C



00010D

Inverse Universe

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



98575B



C46066



7C9857



4D4545



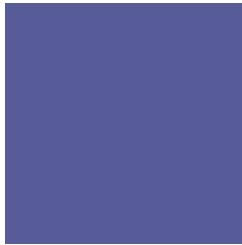
8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 575B98 looks on a white background.

Color Contrast Check

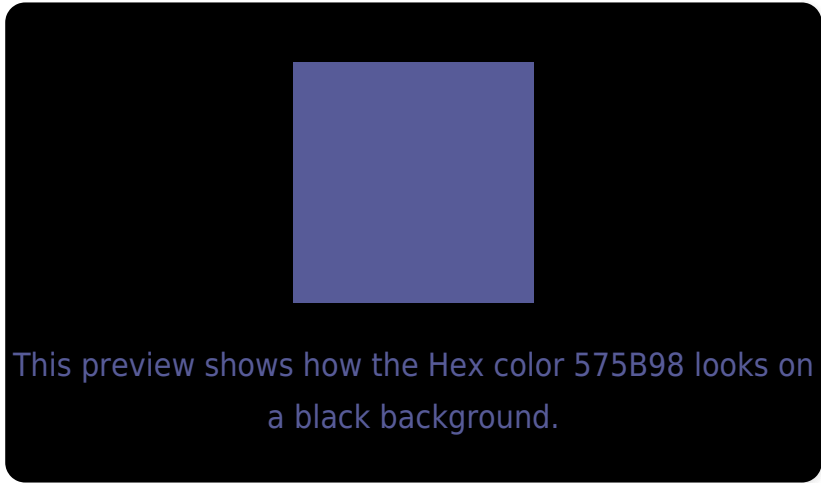
Large Text (above 18pt) WCAG AA ✓ Pass

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

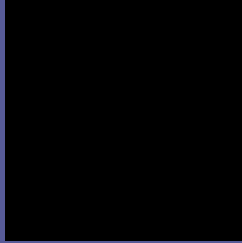
Any Text WCAG AA × Fail

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 575B98 Background



This preview shows how black text looks on a background with the Hex color 575B98.

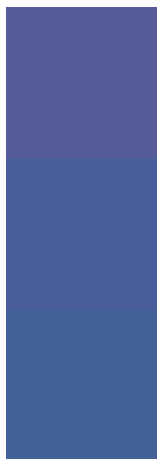


This preview shows how white text looks on a background with the Hex color 575B98.

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
575B98

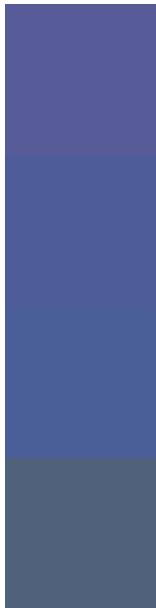
Protanopia
495E9B

Deuteranopia
436097



Tritanopia
4C646C

Trichromacy



Original Color
575B98

Protanomaly
4E5D9A

Deuteranomaly
4A5E97

Tritanomaly
50617C

Monochromacy



Original Color
575B98

Achromatopsia
616161

Achromatomaly
5D5F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 575B98 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 #575B98 looks like.

```
.text, #text, p{  
    color:#575B98  
}
```

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 #575B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575B98
}
```

Border

The CSS property to change the border of an element to Hex 575B98 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
#575B98 }
```

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

```
.border{ border-color:#575B98 }
```

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

Here you see how a box with a 4 pixel #575B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575B98; -webkit-box-shadow:4px 4px  
4px 4px #575B98; box-shadow:4px 4px 4px  
4px #575B98 }
```

Background

The CSS property to change the background color of an element to Hex 575B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575B98 }
```

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

```
.background{ background-color:#575B98 }
```

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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