

Converting Colors

Hex(585BB0)

Have a look what the booklet for
Hex(585BB0) contains.

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Color

Hex(585BB0)

Conversions

Conversions Part 1

Format	Color
Hex	585BB0
RGB	88, 91, 176
RGB Percent	35%, 36%, 69%
CMY	0.6549, 0.6431, 0.3098
CMYK	0.50, 0.48, 0.00, 0.31
HSL	238°, 36%, 52%
HSV	238°, 50%, 69%
XYZ	15.6021, 12.6915, 42.7017
YIQ	99.7930, -29.0730, 25.7990

Conversions

Conversions Part 2

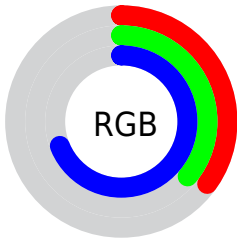
Format	Color
R_{YB}	88, 91, 176
Decimal	5790640
CIE _{Lab}	42.29, 22.50, -45.89
CIE _{LCh}	42, 51.106, 296.120
Yxy	12.6915, 0.2198, 0.1788
Android (android.graphics.Color)	4283980720 (0xFF585BB0)
YUV	99.7930, 37.5701, -10.3425
Hunter-Lab	35.6251, 15.8304, -46.1298

Details

The Hex color **585BB0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B0AD58**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8F8DE8**, and **1D2E7B** is the 20% darker color. If you saturate the color by 10%, you get **464AB0**, and if you desaturate by 10%, it is **6A6CB0**.

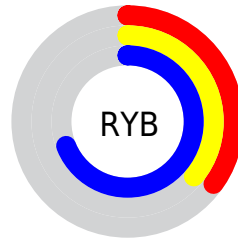
Distribution



Red (35%)

Green (36%)

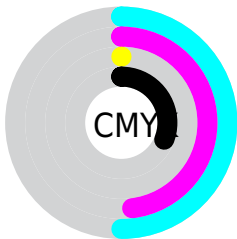
Blue (69%)



Red (35%)

Yellow (36%)

Blue (69%)

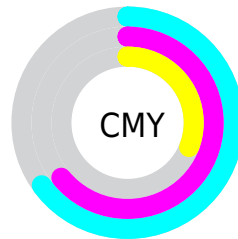


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (64%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585BB0 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 585BB0 by changing the saturation by 10% instead.

■ 585BB0

■ 585BB0

FFFFFF

■ 3C4495

■ 8F8DE8

■ 1D2E7B

■ ABA7FF

■ 001961

■ C8C3FF

■ 000049

■ E5DFFF

■ 000432

■ FFFBFF

■ 00011C

■ 000000

■ 585BB0

■ 585BB0

■ 464AB0

■ 6A6CB0

■ 3539B0

■ 7B7DB0

■ 2328B0

■ 8D8EB0

■ 1217B0

■ 9E9FB0

■ 0006B0

■ B0B0B0

■ C2C1B0

■ D3D2B0

■ E5E3B0

■ F6F4B0

Harmonies

Analogous

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



006BB8



585BB0



914793

Triad

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



585BB0



9C4F1C



00775D

Complementary

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



585BB0



B0AD58

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.



0D7432



585BB0



7D6000

Square

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



585BB0



AD3E41



546C09



007788

Rectangle

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



585BB0



A53C79



546C09



00764E

Sweetspot

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



585BB0



C3C4E6



58B0AC



5E5F73



F2F2F2



737373

Same Dimension

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



585BB0



5C60E6



8058B0



505159



000599



00011A

Inverse Universe

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



B0585B



E65C60



88B058



595051



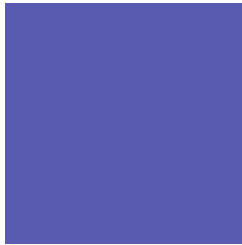
990005



1A0001

Previews

White Background



This preview shows how the Hex color 585BB0 looks on a white background.

Color Contrast Check

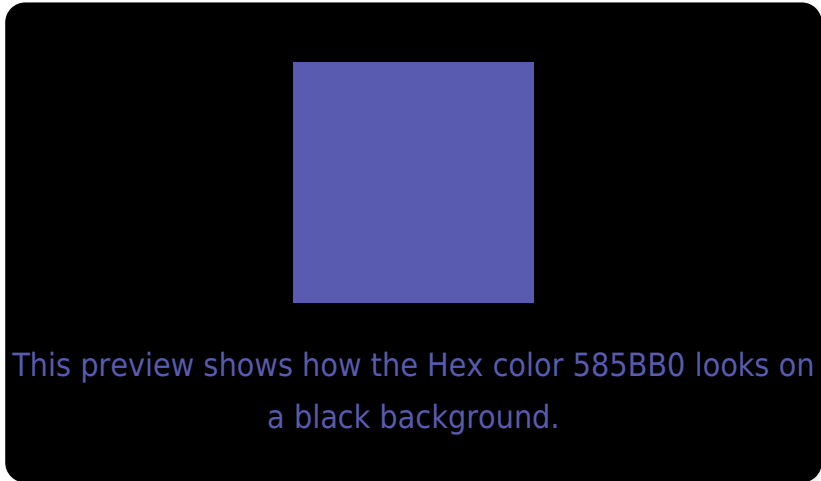
Large Text (above 18pt) WCAG AA ✓ Pass

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

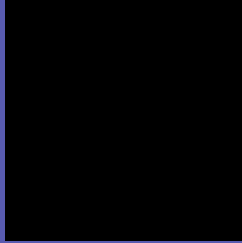
Any Text WCAG AA × Fail

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 585BB0 Background



This preview shows how black text looks on a background with the Hex color 585BB0.



This preview shows how white text looks on a background with the Hex color 585BB0.

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](#).

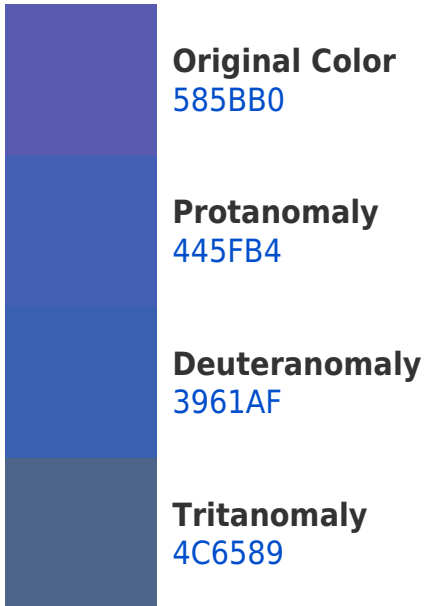
Dichromacy



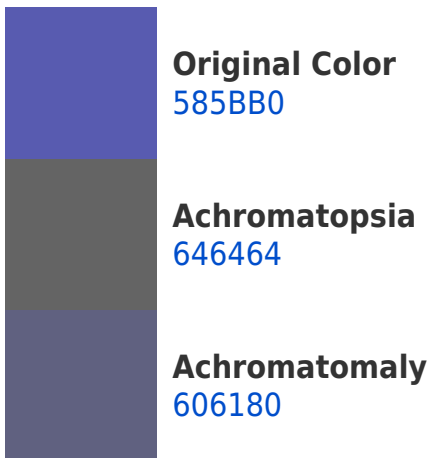


Tritanopia
456A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 585BB0 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 #585BB0 looks like.

```
.text, #text, p{  
    color:#585BB0  
}
```

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 #585BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585BB0
}
```

Border

The CSS property to change the border of an element to Hex 585BB0 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
#585BB0 }
```

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

```
.border{ border-color:#585BB0 }
```

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

Here you see how a box with a 4 pixel #585BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585BB0; -webkit-box-shadow:4px 4px  
4px 4px #585BB0; box-shadow:4px 4px 4px  
4px #585BB0 }
```

Background

The CSS property to change the background color of an element to Hex 585BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585BB0 }
```

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

```
.background{ background-color:#585BB0 }
```

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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