

Converting Colors

Hex(585CC1)

Have a look what the booklet for
Hex(585CC1) contains.

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Color

Hex(585CC1)

Conversions

Conversions Part 1

Format	Color
Hex	585CC1
RGB	88, 92, 193
RGB Percent	35%, 36%, 76%
CMY	0.6549, 0.6392, 0.2431
CMYK	0.54, 0.52, 0.00, 0.24
HSL	238°, 46%, 55%
HSV	238°, 54%, 76%
XYZ	17.4773, 13.5793, 52.1520
YIQ	102.3180, -34.8050, 30.5630

Conversions

Conversions Part 2

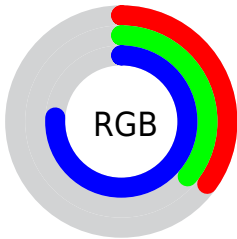
Format	Color
R_{YB}	88, 92, 193
Decimal	5790913
CIE _{Lab}	43.62, 27.33, -53.68
CIE _{LCh}	44, 60.239, 296.978
Yxy	13.5793, 0.2100, 0.1632
Android (android.graphics.Color)	4283980993 (0xFF585CC1)
YUV	102.3180, 44.7062, -12.5569
Hunter-Lab	36.8500, 20.1717, -58.1151

Details

The Hex color **585CC1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C1BD58**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **918EFA**, and **142E8B** is the 20% darker color. If you saturate the color by 10%, you get **4549C1**, and if you desaturate by 10%, it is **6B6FC1**.

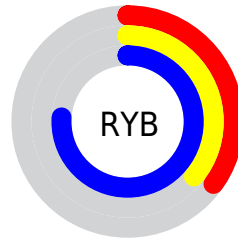
Distribution



Red (35%)

Green (36%)

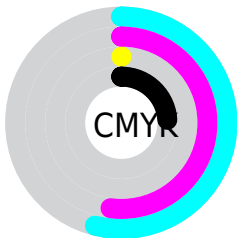
Blue (76%)



Red (35%)

Yellow (36%)

Blue (76%)

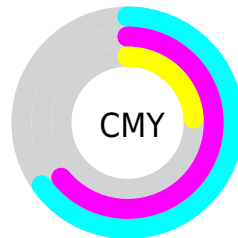


Cyan (54%)

Magenta (52%)

Yellow (0%)

Black (24%)



Cyan (65%)

Magenta (64%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585CC1 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 585CC1 by changing the saturation by 10% instead.

■ 585CC1

■ 585CC1

FFFFFF

■ 3A45A5

■ 918EFA

■ 142E8B

■ AEA9FF

■ 001A70

■ CBC4FF

■ 000357

■ E8E0FF

■ 00063F

■ FFFCFF

■ 000328

■ 000112

■ 000000

■ 585CC1

■ 585CC1

■ 4549C1

■ 6B6FC1

■ 3137C1

■ 7F81C1

■ 1E24C1

■ 9294C1

■ 0B12C1

■ A5A6C1

■ 0007C1

■ B9B9C1

■ CCCBC1

■ DFDEC1

■ F2F1C1

■ FFFFC1

Harmonies

Analogous

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



006FCC



585CC1



9D429E

Triad

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



585CC1



A64E0A



007D60

Complementary

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



585CC1



C1BD58

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.



00792C



585CC1



816300

Square

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



585CC1



BC353D



517100



007D93

Rectangle

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



585CC1



B5327F



517100



007C4F

Sweetspot

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



585CC1



D2D3FA



58C1BC



65667D



FCFCFC



7D7D7D

Same Dimension

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



585CC1



575EFA



8758C1



575861



0006A1



000121

Inverse Universe

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



C1585C



FA575E



92C158



615758



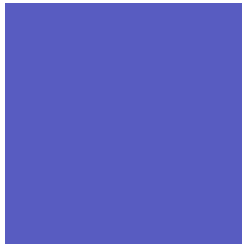
A10006



210001

Previews

White Background



This preview shows how the Hex color 585CC1 looks on a white background.

Color Contrast Check

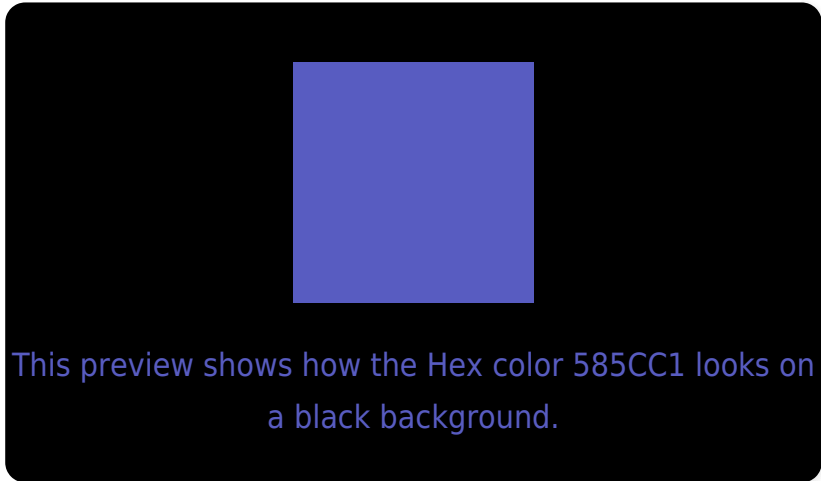
Large Text (above 18pt) WCAG AA ✓ Pass

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

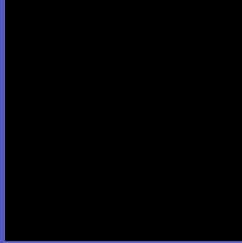
Any Text WCAG AA × Fail

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 585CC1 Background



This preview shows how black text looks on a background with the Hex color 585CC1.



This preview shows how white text looks on a background with the Hex color 585CC1.

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
3E6E77

Trichromacy



Original Color
585CC1

Protanomaly
3A60C6

Deuteranomaly
2064BC

Tritanomaly
476792

Monochromacy



Original Color
585CC1

Achromatopsia
666666

Achromatomaly
616287

CSS Examples

Text

The CSS property to change the color of the text to Hex 585CC1 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 #585CC1 looks like.

```
.text, #text, p{  
    color:#585CC1  
}
```

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 #585CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585CC1
}
```

Border

The CSS property to change the border of an element to Hex 585CC1 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".

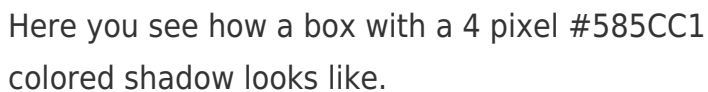
```
.border, #border, table{ border:4px solid
#585CC1 }
```

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

```
.border{ border-color:#585CC1 }
```

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

Here you see how a box with a 4 pixel #585CC1 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 #585CC1; -webkit-box-shadow:4px 4px  
4px 4px #585CC1; box-shadow:4px 4px 4px  
4px #585CC1 }
```

Background

The CSS property to change the background color of an element to Hex 585CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585CC1 }
```

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

```
.background{ background-color:#585CC1 }
```

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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