

Converting Colors

Hex(585BD6)

Have a look what the booklet for
Hex(585BD6) contains.

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Color

Hex(585BD6)

Conversions

Conversions Part 1

Format	Color
Hex	585BD6
RGB	88, 91, 214
RGB Percent	35%, 36%, 84%
CMY	0.6549, 0.6431, 0.1608
CMYK	0.59, 0.57, 0.00, 0.16
HSL	239°, 61%, 59%
HSV	239°, 59%, 84%
XYZ	19.9032, 14.4119, 65.3511
YIQ	104.1250, -41.2710, 37.6170

Conversions

Conversions Part 2

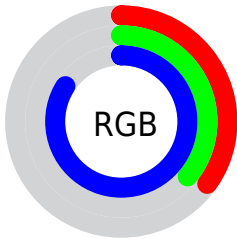
Format	Color
R_YB	88, 91, 214
Decimal	5790678
CIE Lab	44.82, 34.77, -63.85
CIE LCh	45, 72.699, 298.571
Yxy	14.4119, 0.1997, 0.1446
Android (android.graphics.Color)	4283980758 (0xFF585BD6)
YUV	104.1250, 54.1684, -14.1416
Hunter-Lab	37.9630, 27.1483, -75.4901

Details

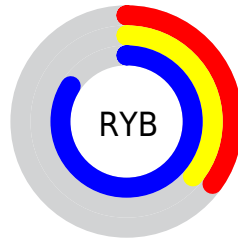
The Hex color **585BD6** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D6D358**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **948DFF**, and **002D9E** is the 20% darker color. If you saturate the color by 10%, you get **4346D6**, and if you desaturate by 10%, it is **6D70D6**.

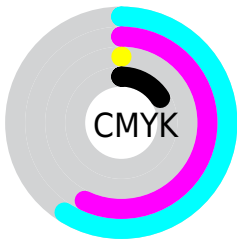
Distribution



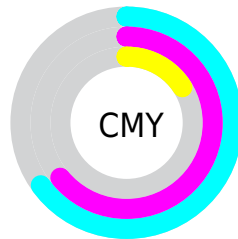
- Red (35%)
- Green (36%)
- Blue (84%)



- Red (35%)
- Yellow (36%)
- Blue (84%)



- Cyan (59%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585BD6 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 585BD6 by changing the saturation by 10% instead.

■ 585BD6

■ 585BD6

FFFFFF

■ 3743BA

■ 948DFF

■ 002D9E

■ B2A8FF

■ 001983

■ CFC3FF

■ 000569

■ EEDFFF

■ 000150

■ FFCCFF

■ 000538

■ 000222

■ 000008

■ 000000

■ 585BD6

■ 585BD6

■ 4346D6

■ 6D70D6

■ 2D31D6

■ 8385D6

■ 181CD6

■ 989AD6

■ 0207D6

■ AEAFD6

■ 0005D6

■ C3C3D6

■ D8D8D6

■ EEEDD6

■ FFFFD6

Harmonies

Analogous

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



0073E5



585BD6



AD35AA

Triad

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



585BD6



B14C00



008365

Complementary

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



585BD6



D6D358

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.



007F23



585BD6



846700

Square

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



585BD6



CD2334



477700



0083A3

Rectangle

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



585BD6



C81484



477700



008250

Sweetspot

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



585BD6



D1D2FF



58D6D2



636480



000000



808080

Same Dimension

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



585BD6



4A4EFF



9358D6



60616B



0004AB



00012B

Inverse Universe

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



D6585B



FF4A4E



9BD658



6B6061



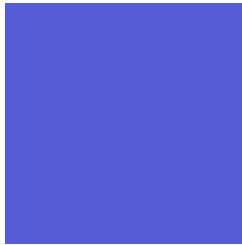
AB0004



2B0001

Previews

White Background



This preview shows how the Hex color 585BD6 looks on a white background.

Color Contrast Check

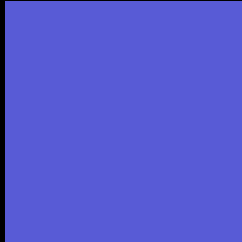
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 585BD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

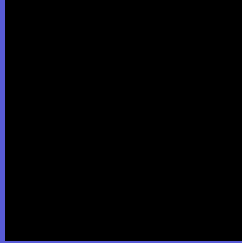
Any Text WCAG AA × Fail

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 585BD6 Background



This preview shows how black text looks on a background with the Hex color 585BD6.

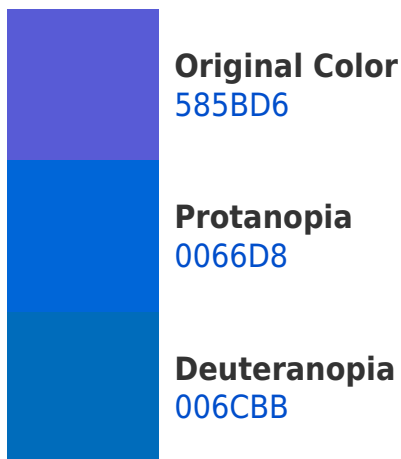



This preview shows how white text looks on a background with the Hex color 585BD6.

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](#).

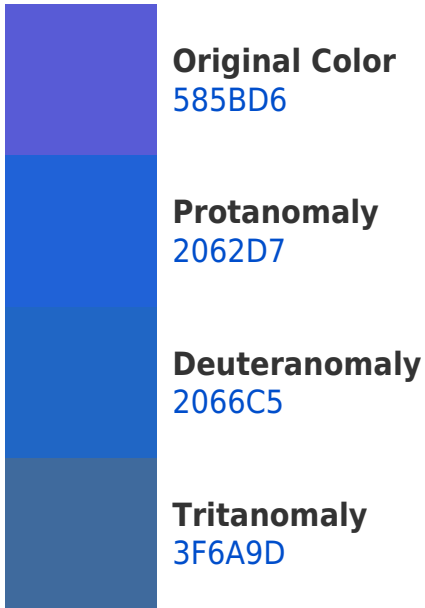
Dichromacy



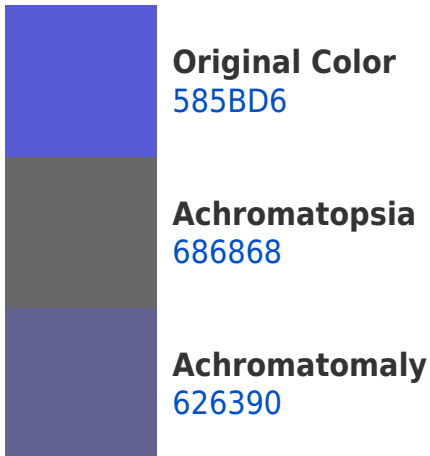


Tritanopia
31737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 585BD6 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 #585BD6 looks like.

```
.text, #text, p{  
    color:#585BD6  
}
```

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 #585BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585BD6
}
```

Border

The CSS property to change the border of an element to Hex 585BD6 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
#585BD6 }
```

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

```
.border{ border-color:#585BD6 }
```

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

Here you see how a box with a 4 pixel #585BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585BD6; -webkit-box-shadow:4px 4px  
4px 4px #585BD6; box-shadow:4px 4px 4px  
4px #585BD6 }
```

Background

The CSS property to change the background color of an element to Hex 585BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585BD6 }
```

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

```
.background{ background-color:#585BD6 }
```

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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