

Converting Colors

Hex(585EB9)

Have a look what the booklet for
Hex(585EB9) contains.

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Color

Hex(585EB9)

Conversions

Conversions Part 1

Format	Color
Hex	585EB9
RGB	88, 94, 185
RGB Percent	35%, 37%, 73%
CMY	0.6549, 0.6314, 0.2745
CMYK	0.52, 0.49, 0.00, 0.27
HSL	236°, 41%, 54%
HSV	236°, 52%, 73%
XYZ	16.7842, 13.5829, 47.6361
YIQ	102.5800, -32.7870, 27.0290

Conversions

Conversions Part 2

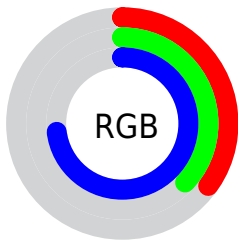
Format	Color
R _Y B	88, 94, 185
Decimal	5791417
CIE Lab	43.63, 23.50, -49.02
CIE LCh	44, 54.361, 295.608
Yxy	13.5829, 0.2152, 0.1741
Android (android.graphics.Color)	4283981497 (0xFF585EB9)
YUV	102.5800, 40.6331, -12.7867
Hunter-Lab	36.8550, 16.7946, -50.8355

Details

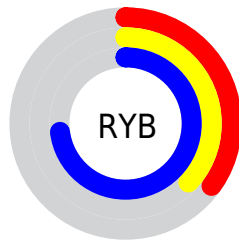
The Hex color **585EB9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9B358**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9090F2**, and **193083** is the 20% darker color. If you saturate the color by 10%, you get **464DB9**, and if you desaturate by 10%, it is **6B6FB9**.

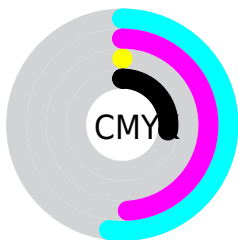
Distribution



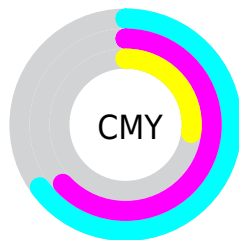
- Red (35%)
- Green (37%)
- Blue (73%)



- Red (35%)
- Yellow (37%)
- Blue (73%)



- Cyan (52%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)



- Cyan (65%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585EB9 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 585EB9 by changing the saturation by 10% instead.

■ 585EB9

■ 585EB9

FFFFFF

■ 3B469E

■ 9090F2

■ 193083

■ ACABFF

■ 001C69

■ C9C6FF

■ 000551

■ E6E2FF

■ 000539

■ 000222

■ 000009

■ 000000

■ 585EB9

■ 585EB9

■ 464DB9

■ 6B6FB9

■ 333BB9

■ 7D81B9

■ 212AB9

■ 9092B9

■ 0E19B9

■ A2A3B9

■ 000BB9

■ B5B5B9

■ C7C6B9

■ DAD7B9

■ ECE9B9

■ FEFAB9

Harmonies

Analogous

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



006FC1



585EB9



97489B

Triad

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



585EB9



A3501A



007B5F

Complementary

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



585EB9



B9B358

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.



047831



585EB9



826300

Square

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



585EB9



B53D43



577000



007C8D

Rectangle

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



585EB9



AD3C7F



577000



007A4F

Sweetspot

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



585EB9



C9CCF0



58B9B3



616278



F7F7F7



787878

Same Dimension

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



585EB9



5962F0



8258B9



53535C



000A9C



00021C

Inverse Universe

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



B9585E



F05962



8FB958



5C5353



9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 585EB9 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 585EB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

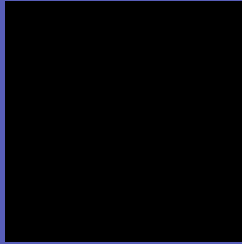
Any Text WCAG AA × Fail

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 585EB9 Background



This preview shows how black text looks on a background with the Hex color 585EB9.



This preview shows how white text looks on a background with the Hex color 585EB9.

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](#).

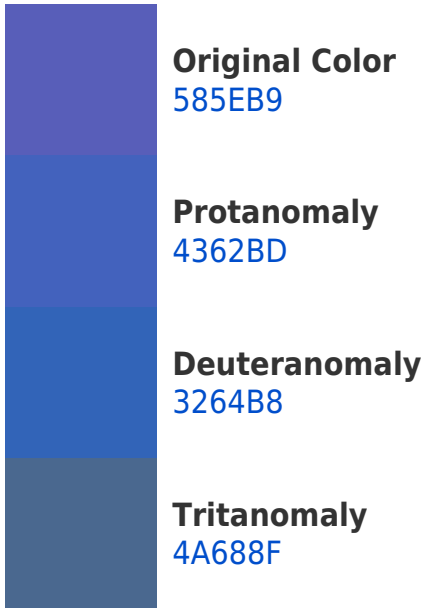
Dichromacy





Tritanopia
426E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 585EB9 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 #585EB9 looks like.

```
.text, #text, p{  
    color:#585EB9  
}
```

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 #585EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585EB9
}
```

Border

The CSS property to change the border of an element to Hex 585EB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

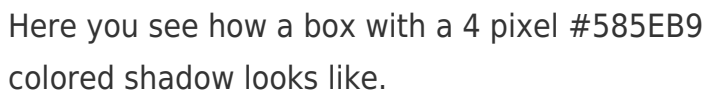
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585EB9 }
```

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

```
.border{ border-color:#585EB9 }
```

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



Here you see how a box with a 4 pixel #585EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585EB9; -webkit-box-shadow:4px 4px  
4px 4px #585EB9; box-shadow:4px 4px 4px  
4px #585EB9 }
```

Background

The CSS property to change the background color of an element to Hex 585EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585EB9 }
```

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

```
.background{ background-color:#585EB9 }
```

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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