

Converting Colors

Hex(585CA5)

Have a look what the booklet for
Hex(585CA5) contains.

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Color

Hex(585CA5)

Conversions

Conversions Part 1

Format	Color
Hex	585CA5
RGB	88, 92, 165
RGB Percent	35%, 36%, 65%
CMY	0.6549, 0.6392, 0.3529
CMYK	0.47, 0.44, 0.00, 0.35
HSL	237°, 30%, 50%
HSV	237°, 47%, 65%
XYZ	14.6432, 12.4456, 37.2278
YIQ	99.1260, -25.8170, 21.8550

Conversions

Conversions Part 2

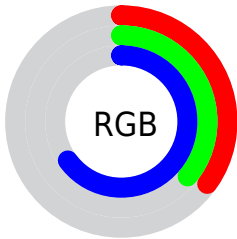
Format	Color
R _Y B	88, 92, 165
Decimal	5790885
CIE Lab	41.92, 18.40, -40.00
CIE LCh	42, 44.028, 294.710
Yxy	12.4456, 0.2277, 0.1935
Android (android.graphics.Color)	4283980965 (0xFF585CA5)
YUV	99.1260, 32.4759, -9.7575
Hunter-Lab	35.2783, 12.3539, -37.8715

Details

The Hex color **585CA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5A158**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8E8EDC**, and **212E71** is the 20% darker color. If you saturate the color by 10%, you get **484CA5**, and if you desaturate by 10%, it is **686CA5**.

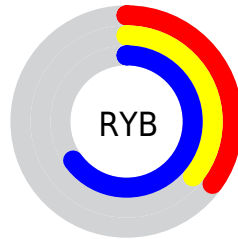
Distribution



Red (35%)

Green (36%)

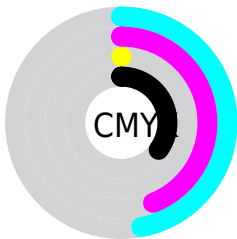
Blue (65%)



Red (35%)

Yellow (36%)

Blue (65%)

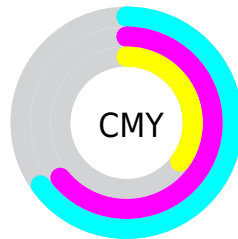


Cyan (47%)

Magenta (44%)

Yellow (0%)

Black (35%)



Cyan (65%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585CA5 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 585CA5 by changing the saturation by 10% instead.

■ 585CA5

■ 585CA5

FFFFFF

■ 3D458A

■ 8E8EDC

■ 212E71

■ AAA8F9

■ 001A58

■ C6C4FF

■ 000040

■ E3E0FF

■ 000329

■ FFFCFF

■ 000113

■ 000000

■ 585CA5

■ 585CA5

■ 484CA5

■ 686CA5

■ 373DA5

■ 797BA5

■ 272DA5

■ 8A8BA5

■ 161DA5

■ 9A9BA5

■ 060EA5

■ ABAAA5

■ 0009A5

■ BBBA5

■ CBCAA5

■ DCD9A5

■ ECE9A5

Harmonies

Analogous

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



0069AB



585CA5



894C8D

Triad

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



585CA5



965128



00745B

Complementary

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



585CA5



A5A158

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.



287137



585CA5



7B5F14

Square

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



585CA5



A44447



596A1B



007480

Rectangle

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



585CA5



9B4477



596A1B



00734F

Sweetspot

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



585CA5



B8BAD6



58A5A0



595A6B



EBEBEB



6B6B6B

Same Dimension

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



585CA5



5E64D6



7958A5



494A52



000891



000112

Inverse Universe

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



A5585C



D65E64



84A558



52494A



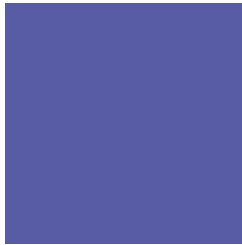
910008



120001

Previews

White Background



This preview shows how the Hex color 585CA5 looks on a white background.

Color Contrast Check

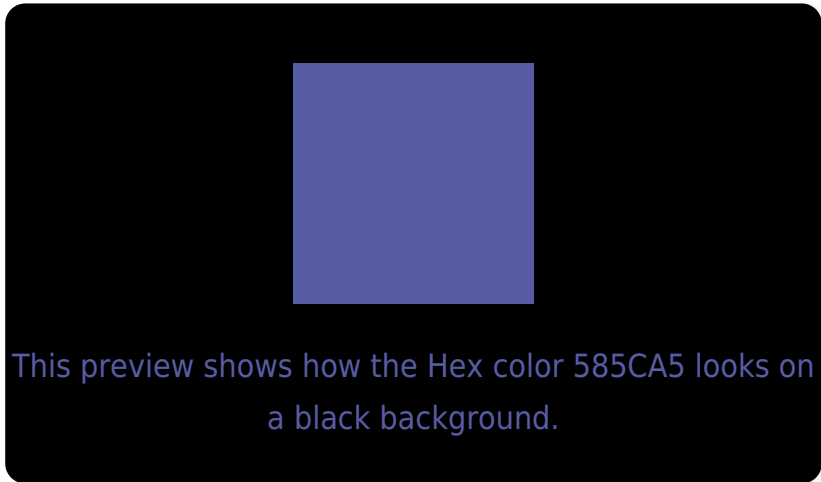
Large Text (above 18pt) WCAG AA ✓ Pass

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

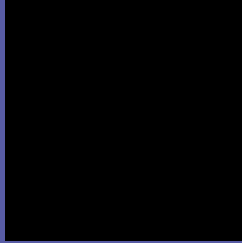
Any Text WCAG AA × Fail

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 585CA5 Background



This preview shows how black text looks on a background with the Hex color 585CA5.



This preview shows how white text looks on a background with the Hex color 585CA5.

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
585CA5

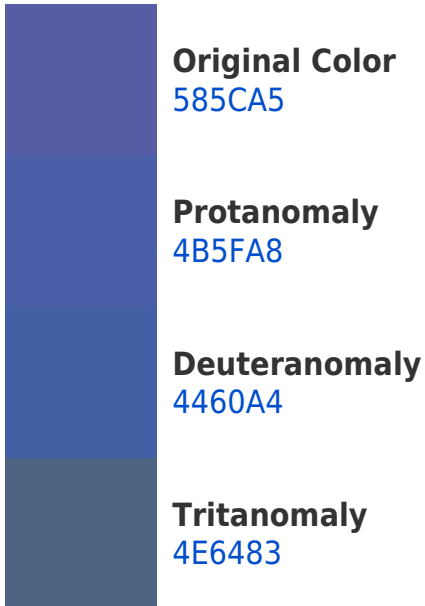
Protanopia
4360A9

Deuteranopia
3963A3

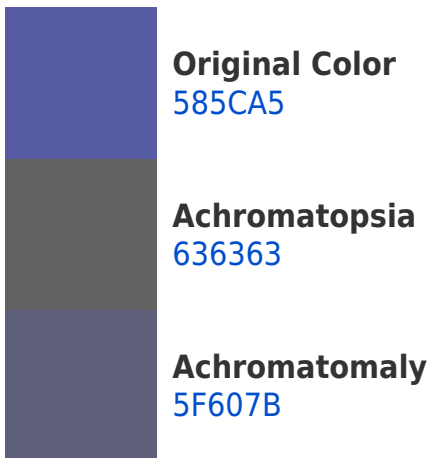


Tritanopia
496870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 585CA5 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 #585CA5 looks like.

```
.text, #text, p{  
    color:#585CA5  
}
```

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 #585CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585CA5
}
```

Border

The CSS property to change the border of an element to Hex 585CA5 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
#585CA5 }
```

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

```
.border{ border-color:#585CA5 }
```

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

Here you see how a box with a 4 pixel #585CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585CA5; -webkit-box-shadow:4px 4px  
4px 4px #585CA5; box-shadow:4px 4px 4px  
4px #585CA5 }
```

Background

The CSS property to change the background color of an element to Hex 585CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585CA5 }
```

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

```
.background{ background-color:#585CA5 }
```

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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