

Converting Colors

Hex(584FA5)

Have a look what the booklet for
Hex(584FA5) contains.

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Color

Hex(584FA5)

Conversions

Conversions Part 1

Format	Color
Hex	584FA5
RGB	88, 79, 165
RGB Percent	35%, 31%, 65%
CMY	0.6549, 0.6902, 0.3529
CMYK	0.47, 0.52, 0.00, 0.35
HSL	246°, 35%, 48%
HSV	246°, 52%, 65%
XYZ	13.6120, 10.3833, 36.8841
YIQ	91.4950, -22.2420, 28.6540

Conversions

Conversions Part 2

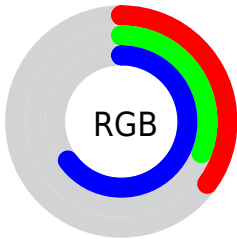
Format	Color
R_{YB}	88, 79, 165
Decimal	5787557
CIE _{Lab}	38.52, 26.59, -45.42
CIE _{LCh}	39, 52.627, 300.347
Yxy	10.3833, 0.2236, 0.1706
Android (android.graphics.Color)	4283977637 (0xFF584FA5)
YUV	91.4950, 36.2380, -3.0651
Hunter-Lab	32.2231, 19.0134, -45.3099

Details

The Hex color **584FA5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9CA54F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8E80DD**, and **1F2270** is the 20% darker color. If you saturate the color by 10%, you get **493EA5**, and if you desaturate by 10%, it is **675FA5**.

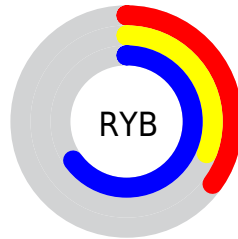
Distribution



Red (35%)

Green (31%)

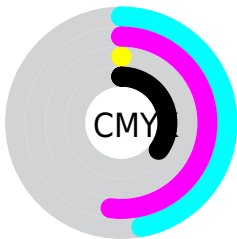
Blue (65%)



Red (35%)

Yellow (31%)

Blue (65%)

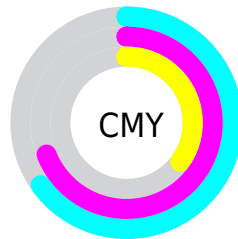


Cyan (47%)

Magenta (52%)

Yellow (0%)

Black (35%)



Cyan (65%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584FA5 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 584FA5 by changing the saturation by 10% instead.

■ 584FA5

■ 584FA5

FFFFFF

■ 3D388A

■ 8E80DD

■ 1F2270

■ AA9AF9

■ 000E57

■ C7B5FF

■ 000040

■ E4D1FF

■ 000328

■ FFEDFF

■ 000112

■ 000000

■ 584FA5

■ 584FA5

■ 493EA5

■ 675FA5

■ 3A2EA5

■ 7670A5

■ 2C1DA5

■ 8481A5

■ 1D0DA5

■ 9391A5

■ 1100A5

■ A2A1A5

■ B1B2A5

■ BFC2A5

■ CED3A5

■ DDE3A5

Harmonies

Analogous

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



0060B1



584FA5



8D3986

Triad

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



584FA5



8E4808



006E5A

Complementary

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



584FA5



9CA54F

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.



006B2E



584FA5



6D5900

Square

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



584FA5



A23432



436400



006E85

Rectangle

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



584FA5



9F2E6A



436400



006D4B

Sweetspot

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



584FA5



B8B4D6



4F9CA5



59576B



EBEBEB



6B6B6B

Same Dimension

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



584FA5



5D4FD6



834FA5



4A4952



0F0091



020012

Inverse Universe

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



A54F9C



D64FC8



71A54F



524951



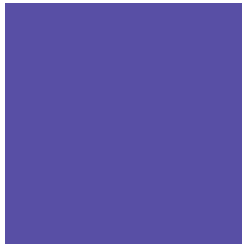
910082



120010

Previews

White Background



This preview shows how the Hex color 584FA5 looks on a white background.

Color Contrast Check

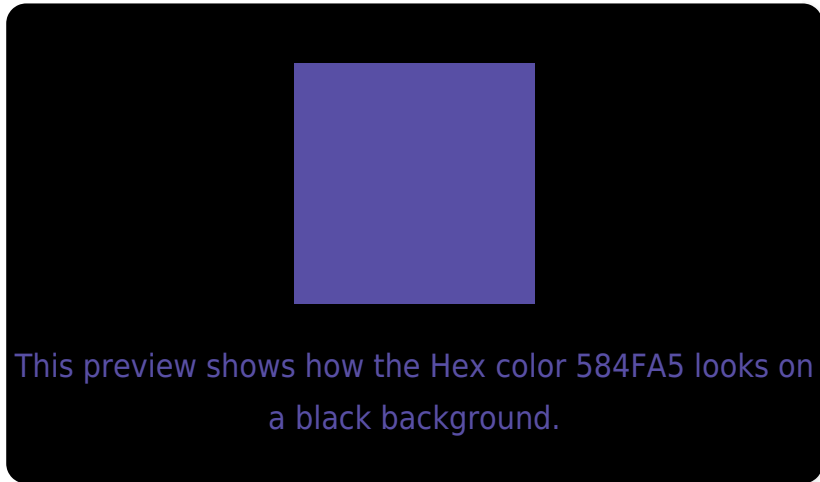
Large Text (above 18pt) WCAG AA ✓ Pass

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

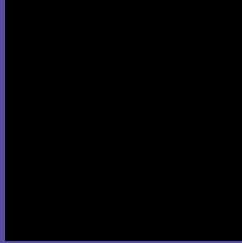
Any Text WCAG AA × Fail

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 584FA5 Background



This preview shows how black text looks on a background with the Hex color 584FA5.

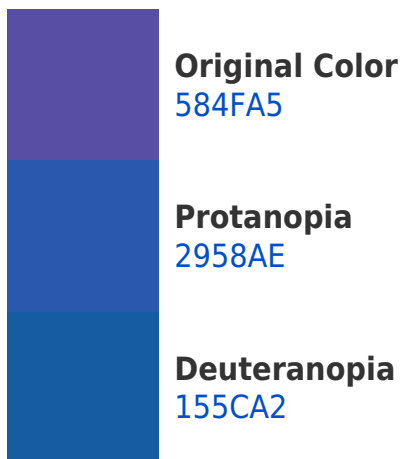


This preview shows how white text looks on a background with the Hex color 584FA5.

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](#).

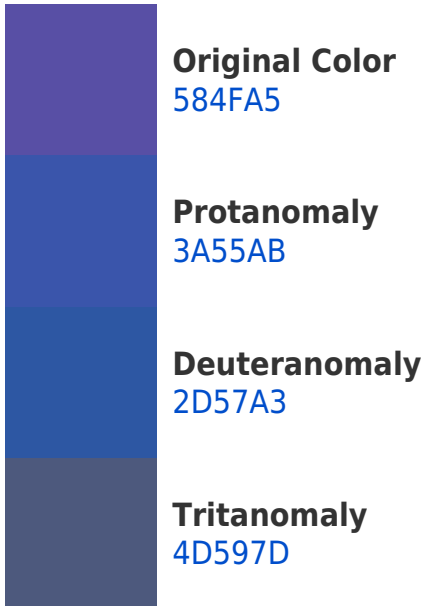
Dichromacy



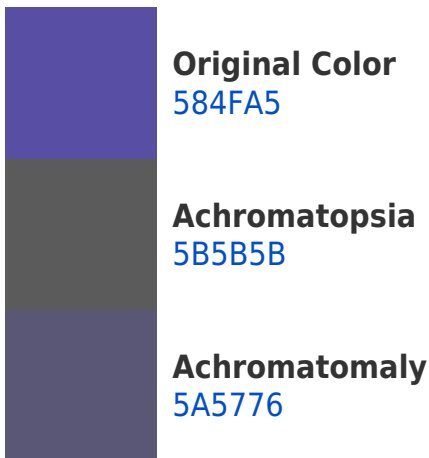


Tritanopia
475F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 584FA5 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 #584FA5 looks like.

```
.text, #text, p{  
    color:#584FA5  
}
```

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 #584FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584FA5
}
```

Border

The CSS property to change the border of an element to Hex 584FA5 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
#584FA5 }
```

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

```
.border{ border-color:#584FA5 }
```

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

Here you see how a box with a 4 pixel #584FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584FA5; -webkit-box-shadow:4px 4px  
4px 4px #584FA5; box-shadow:4px 4px 4px  
4px #584FA5 }
```

Background

The CSS property to change the background color of an element to Hex 584FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584FA5 }
```

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

```
.background{ background-color:#584FA5 }
```

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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