

Converting Colors

Hex(584AF5)

Have a look what the booklet for
Hex(584AF5) contains.

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Color

Hex(584AF5)

Conversions

Conversions Part 1

Format	Color
Hex	584AF5
RGB	88, 74, 245
RGB Percent	35%, 29%, 96%
CMY	0.6549, 0.7098, 0.0392
CMYK	0.64, 0.70, 0.00, 0.04
HSL	245°, 90%, 63%
HSV	245°, 70%, 96%
XYZ	22.9547, 13.5648, 87.7946
YIQ	97.6800, -46.5470, 56.1490

Conversions

Conversions Part 2

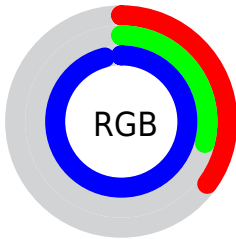
Format	Color
R _Y B	88, 74, 245
Decimal	5786357
CIE Lab	43.60, 54.47, -83.39
CIE LCh	44, 99.601, 303.151
Yxy	13.5648, 0.1847, 0.1091
Android (android.graphics.Color)	4283976437 (0xFF584AF5)
YUV	97.6800, 72.6288, -8.4894
Hunter-Lab	36.8305, 46.7974, -115.5512

Details

The Hex color **584AF5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as middle washed blue. A complement of this color would be **E7F54A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9A7DFF**, and **001ABB** is the 20% darker color. If you saturate the color by 10%, you get **4231F5**, and if you desaturate by 10%, it is **6E62F5**.

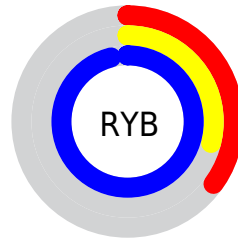
Distribution



Red (35%)

Green (29%)

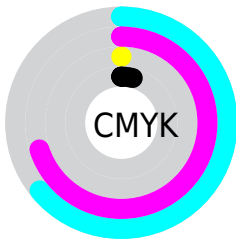
Blue (96%)



Red (35%)

Yellow (29%)

Blue (96%)

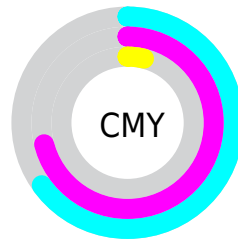


Cyan (64%)

Magenta (70%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (71%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584AF5 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 584AF5 by changing the saturation by 10% instead.

 584AF5

 584AF5


FFFFFF

 2F32D8

 9A7DFF

 001ABB

 B997FF

 00019F

 D8B2FF

 000084

 F8CEFF

 00006A

 FFE8FF

 000B51

 000539

 000222

 000008

■ 584AF5

■ 584AF5

■ 4231F5

■ 6E62F5

■ 2B19F5

■ 857BF5

■ 1500F5

■ 9B93F5

■ 1400F5

■ B2ACF5

■ C8C4F5

■ DFDDF5

■ F5F6F5

■ FFFFF5

Harmonies

Analogous

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



0072FF



584AF5



CA00B4

Triad

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



584AF5



B64000



00856E

Complementary

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



584AF5



E7F54A

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.



008107



584AF5



776800

Square

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



584AF5



E10010



007A00



0086C1

Rectangle

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



584AF5



E7007E



007A00



008451

Sweetspot

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



584AF5



CEC9FF



4AEAF5



626080



000000



808080

Same Dimension

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



584AF5



3A29FF



AB4AF5



6F6E7A



0F00BA



05003B

Inverse Universe

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



F54AE7



FF29ED



94F54A



7A6E79



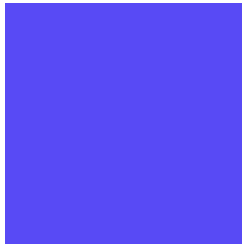
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 584AF5 looks on a white background.

Color Contrast Check

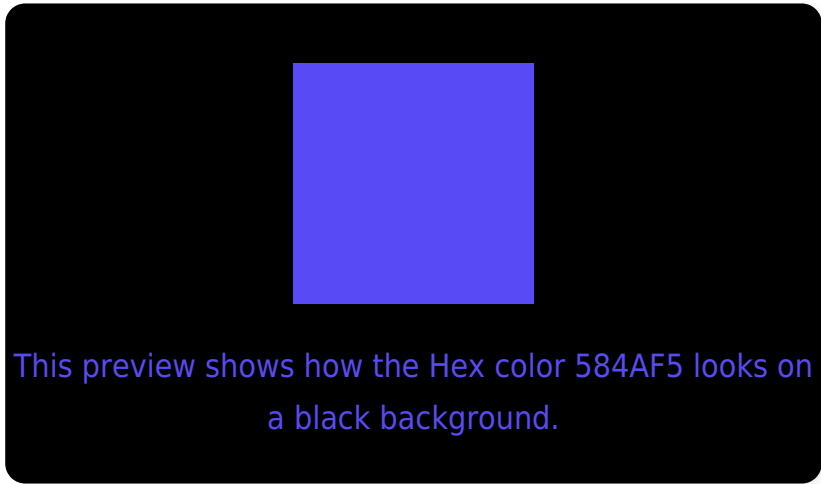
Large Text (above 18pt) WCAG AA ✓ Pass

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

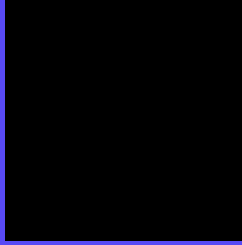
Any Text WCAG AA × Fail

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 584AF5 Background



This preview shows how black text looks on a background with the Hex color 584AF5.



This preview shows how white text looks on a background with the Hex color 584AF5.

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](#).

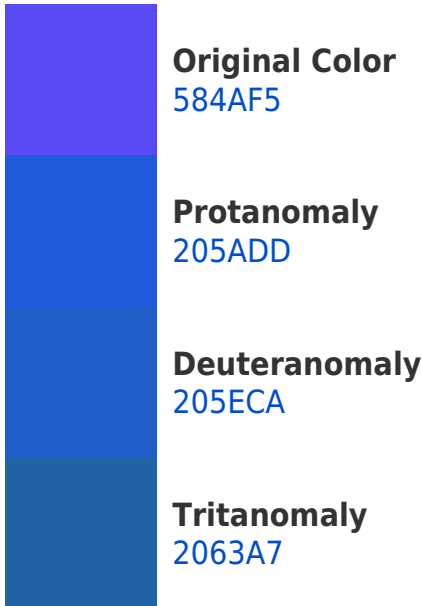
Dichromacy



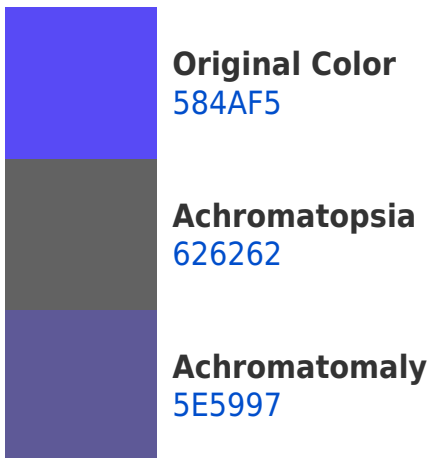


Tritanopia
00717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 584AF5 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 #584AF5 looks like.

```
.text, #text, p{  
    color:#584AF5  
}
```

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 #584AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584AF5
}
```

Border

The CSS property to change the border of an element to Hex 584AF5 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
#584AF5 }
```

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

```
.border{ border-color:#584AF5 }
```

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

Here you see how a box with a 4 pixel #584AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584AF5; -webkit-box-shadow:4px 4px  
4px 4px #584AF5; box-shadow:4px 4px 4px  
4px #584AF5 }
```

Background

The CSS property to change the background color of an element to Hex 584AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584AF5 }
```

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

```
.background{ background-color:#584AF5 }
```

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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