

Converting Colors

Hex(505CE5)

Have a look what the booklet for
Hex(505CE5) contains.

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Color

Hex(505CE5)

Conversions

Conversions Part 1

Format	Color
Hex	505CE5
RGB	80, 92, 229
RGB Percent	31%, 36%, 90%
CMY	0.6863, 0.6392, 0.1020
CMYK	0.65, 0.60, 0.00, 0.10
HSL	235°, 74%, 61%
HSV	235°, 65%, 90%
XYZ	21.2783, 15.0169, 75.9058
YIQ	104.0300, -51.1290, 40.0630

Conversions

Conversions Part 2

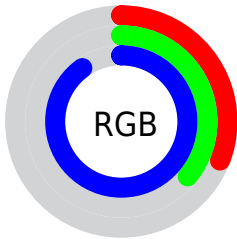
Format	Color
R _Y B	80, 91, 229
Decimal	5266661
CIE Lab	45.66, 37.84, -71.03
CIE LCh	46, 80.481, 298.043
Yxy	15.0169, 0.1896, 0.1338
Android (android.graphics.Color)	4283456741 (0xFF505CE5)
YUV	104.0300, 61.6102, -21.0743
Hunter-Lab	38.7517, 30.1977, -89.0097

Details

The Hex color **505CE5** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **E5D950**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **908EFF**, and **002EAC** is the 20% darker color. If you saturate the color by 10%, you get **3947E5**, and if you desaturate by 10%, it is **6771E5**.

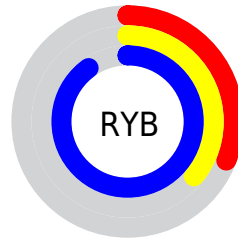
Distribution



Red (31%)

Green (36%)

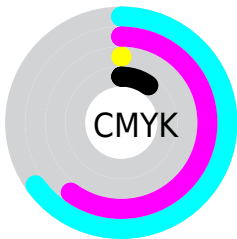
Blue (90%)



Red (31%)

Yellow (36%)

Blue (90%)

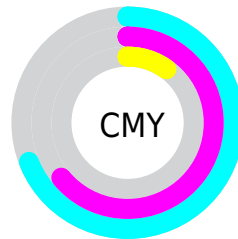


Cyan (65%)

Magenta (60%)

Yellow (0%)

Black (10%)



Cyan (69%)

Magenta (64%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505CE5 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 505CE5 by changing the saturation by 10% instead.

■ 505CE5

■ 505CE5

FFFFFF

■ 2844C8

■ 908EFF

■ 002EAC

■ AEA9FF

■ 001A91

■ CDC4FF

■ 000876

■ EBE0FF

■ 00005D

■ FFFDFD

■ 000844

■ 00032D

■ 000117

■ 000000

■ 505CE5

■ 505CE5

■ 3947E5

■ 6771E5

■ 2232E5

■ 7E86E5

■ 0B1DE5

■ 959BE5

■ 0012E5

■ ACB0E5

■ C3C5E5

■ D9DAE5

■ F0EFE5

■ FFFFE5

Harmonies

Analogous

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



0077F5



505CE5



B52DB5

Triad

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



505CE5



B94900



008766

Complementary

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



505CE5



E5D950

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.



008319



505CE5



886800

Square

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



505CE5



D80732



447A00



0087AA

Rectangle

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



505CE5



D3008A



447A00



00864E

Sweetspot

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



505CE5



CCD0FF



50E5D9



616380



000000



808080

Same Dimension

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



505CE5



3848FF



8E50E5



676873



000EB3



000433

Inverse Universe

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



E5505C



FF3848



A7E550



736768



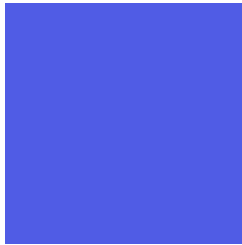
B3000E



330004

Previews

White Background



This preview shows how the Hex color 505CE5 looks on a white background.

Color Contrast Check

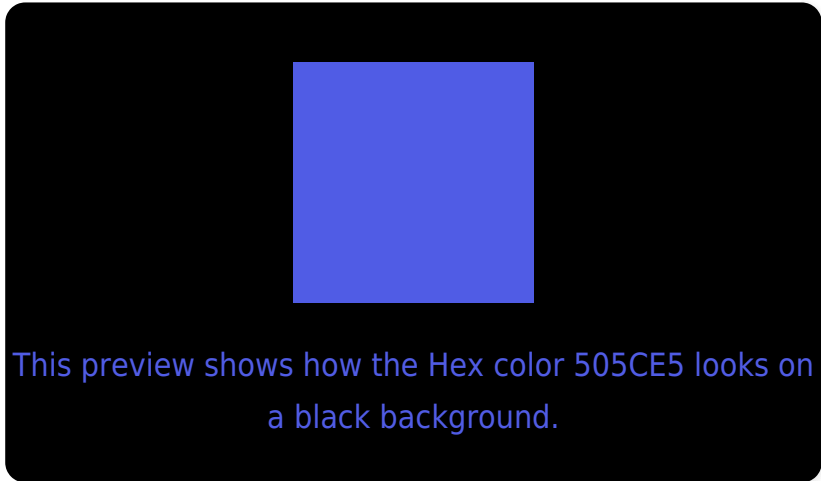
Large Text (above 18pt) WCAG AA ✓ Pass

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

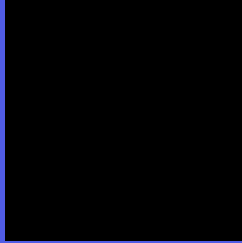
Any Text WCAG AA × Fail

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 505CE5 Background



This preview shows how black text looks on a background with the Hex color 505CE5.

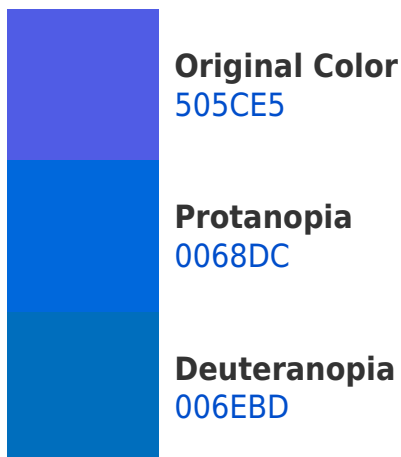


This preview shows how white text looks on a background with the Hex color 505CE5.

Color Blindness Simulation

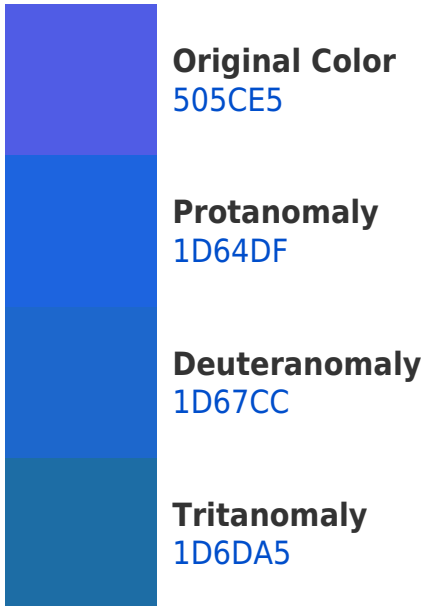
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 505CE5 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 #505CE5 looks like.

```
.text, #text, p{  
    color:#505CE5  
}
```

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 #505CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505CE5
}
```

Border

The CSS property to change the border of an element to Hex 505CE5 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
#505CE5 }
```

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

```
.border{ border-color:#505CE5 }
```

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

Here you see how a box with a 4 pixel #505CE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505CE5; -webkit-box-shadow:4px 4px  
4px 4px #505CE5; box-shadow:4px 4px 4px  
4px #505CE5 }
```

Background

The CSS property to change the background color of an element to Hex 505CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505CE5 }
```

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

```
.background{ background-color:#505CE5 }
```

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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