

# Converting Colors

Hex(506BE5)

Have a look what the booklet for  
Hex(506BE5) contains.

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# Color

**Hex(506BE5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	506BE5
RGB	80, 107, 229
RGB Percent	31%, 42%, 90%
CMY	0.6863, 0.5804, 0.1020
CMYK	0.65, 0.53, 0.00, 0.10
HSL	229°, 74%, 61%
HSV	229°, 65%, 90%
XYZ	22.7088, 17.8780, 76.3827
YIQ	112.8350, -55.2540, 32.2180

# Conversions

## Conversions Part 2

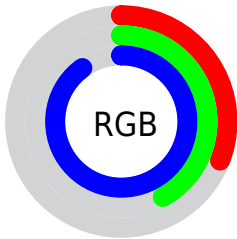
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 103, 229
Decimal	5270501
CIE <sub>Lab</sub>	49.35, 28.59, -65.04
CIE <sub>LCh</sub>	49, 71.045, 293.726
Yxy	17.8780, 0.1941, 0.1528
Android (android.graphics.Color)	4283460581 (0xFF506BE5)
YUV	112.8350, 57.2693, -28.7963
Hunter-Lab	42.2824, 21.8737, -77.5090

# Details

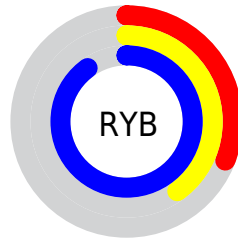
The Hex color **506BE5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E5CA50**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8F9EFF**, and **003CAD** is the 20% darker color. If you saturate the color by 10%, you get **3958E5**, and if you desaturate by 10%, it is **677EE5**.

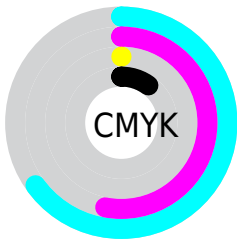
# Distribution



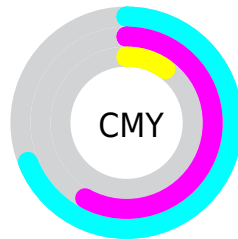
- Red (31%)
- Green (42%)
- Blue (90%)



- Red (31%)
- Yellow (40%)
- Blue (90%)



- Cyan (65%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (69%)
- Magenta (58%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506BE5 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 506BE5 by changing the saturation by 10% instead.



■ 506BE5

■ 506BE5

FFFFFF

■ 2953C8

■ 8F9EFF

■ 003CAD

■ ADB9FF

■ 002791

■ CCD4FF

■ 001577

■ EAF1FF

■ 00005D

■ 000845

■ 00032D

■ 000118

■ 000000

■ 506BE5

■ 506BE5

■ 3958E5

■ 677EE5

■ 2245E5

■ 7E91E5

■ 0B33E5

■ 95A3E5

■ 0029E5

■ ACB6E5

■ C3C9E5

■ D9DCE5

■ F0EEE5

■ FFFFE5

# Harmonies

## Analogous

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



0081EE



506BE5



B04ABE

# Triad

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



506BE5



C45308



008F66

# Complementary

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



506BE5



E5CA50

# 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.



008A26



506BE5



996E00

# Square

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



506BE5



DB3249



608000



008FA4

# Rectangle

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



506BE5



CF3399



608000



008D51



# Sweetspot

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



506BE5



CCD5FF



50E5CA



616680



000000



808080



# Same Dimension

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



506BE5



385CFF



7F50E5



676973



0020B3



000933



# Inverse Universe

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



E5506B



FF385C



B6E550



736769



B30020

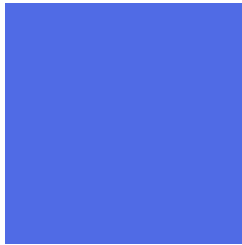


330009



# Previews

## White Background



This preview shows how the Hex color 506BE5 looks on a white background.

## Color Contrast Check

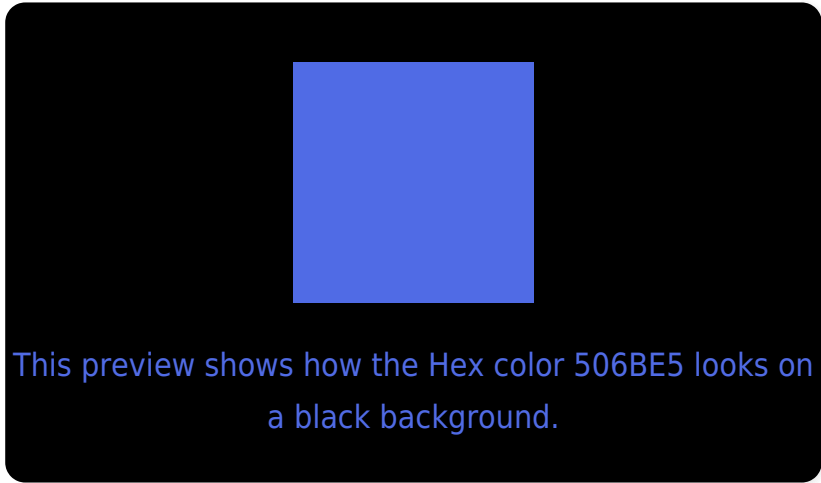
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 506BE5 Background



This preview shows how black text looks on a background with the Hex color 506BE5.

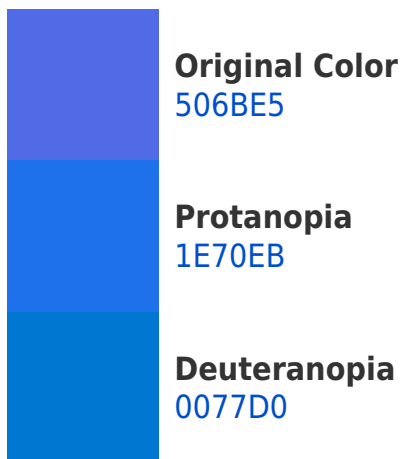


This preview shows how white text looks on a background with the Hex color 506BE5.

# 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](#).

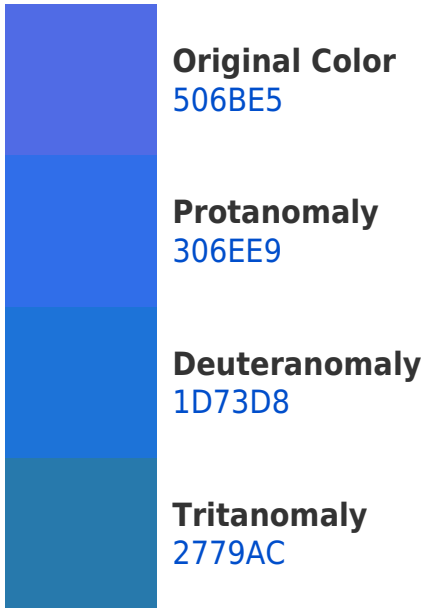
## Dichromacy





**Tritanopia**  
0F818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506BE5 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 #506BE5 looks like.

```
.text, #text, p{  
    color:#506BE5  
}
```

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 #506BE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506BE5
}
```

## Border

The CSS property to change the border of an element to Hex 506BE5 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
#506BE5 }
```

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

```
.border{ border-color:#506BE5 }
```

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

Here you see how a box with a 4 pixel #506BE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506BE5; -webkit-box-shadow:4px 4px  
4px 4px #506BE5; box-shadow:4px 4px 4px  
4px #506BE5 }
```

# Background

The CSS property to change the background color of an element to Hex 506BE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506BE5 }
```

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

```
.background{ background-color:#506BE5 }
```

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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