

# Converting Colors

Hex(516ED6)

Have a look what the booklet for  
Hex(516ED6) contains.

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# Color

**Hex(516ED6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516ED6
RGB	81, 110, 214
RGB Percent	32%, 43%, 84%
CMY	0.6824, 0.5686, 0.1608
CMYK	0.62, 0.49, 0.00, 0.16
HSL	227°, 62%, 58%
HSV	227°, 62%, 84%
XYZ	21.1069, 17.7562, 65.9332
YIQ	113.1850, -50.6680, 26.1960

# Conversions

## Conversions Part 2

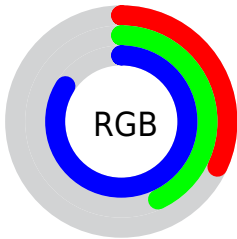
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 105, 214
Decimal	5336790
CIE <sub>Lab</sub>	49.20, 21.75, -56.79
CIE <sub>LCh</sub>	49, 60.815, 290.958
Yxy	17.7562, 0.2014, 0.1694
Android (android.graphics.Color)	4283526870 (0xFF516ED6)
YUV	113.1850, 49.7018, -28.2262
Hunter-Lab	42.1381, 15.6684, -63.2738

# Details

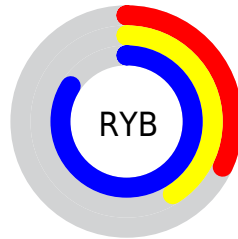
The Hex color **516ED6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D6B951**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8DA1FF**, and **003F9E** is the 20% darker color. If you saturate the color by 10%, you get **3C5DD6**, and if you desaturate by 10%, it is **667FD6**.

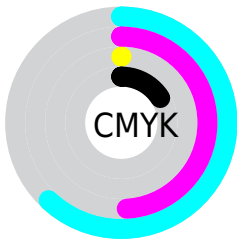
# Distribution



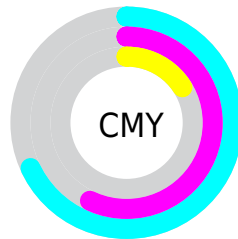
- Red (32%)
- Green (43%)
- Blue (84%)



- Red (32%)
- Yellow (41%)
- Blue (84%)



- Cyan (62%)
- Magenta (49%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (57%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516ED6 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 516ED6 by changing the saturation by 10% instead.



■ 516ED6

■ 516ED6

FFFFFF

■ 2E56BA

■ 8DA1FF

■ 003F9E

■ ABBCFF

■ 002A84

■ C8D8FF

■ 00176A

■ E6F4FF

■ 000051

■ 000539

■ 000223

■ 000009

■ 000000

■ 516ED6

■ 516ED6

■ 3C5DD6

■ 667FD6

■ 264DD6

■ 7C8FD6

■ 113CD6

■ 91A0D6

■ 002FD6

■ A7B1D6

■ BCC2D6

■ D1D2D6

■ E7E3D6

■ FCF4D6

■ FFFFD6

# Harmonies

## Analogous

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



0080DB



516ED6



A355B7

# Triad

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



516ED6



BD5724



008B63

# Complementary

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



516ED6



D6B951

# 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.



20872E



516ED6



9A6D00

# Square

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



516ED6



CF4153



6A7D00



008C98

# Rectangle

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



516ED6



C04598



6A7D00



008A51



# Sweetspot

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



516ED6



CFD9FF



51D6B7



626980



000000



808080



# Same Dimension

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



516ED6



4069FF



7451D6



60636B



0025AB



00092B



# Inverse Universe

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



D6516E



FF4069



B3D651



6B6063



AB0025

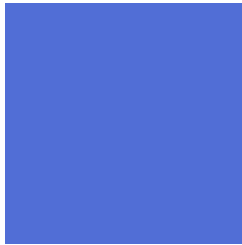


2B0009



# Previews

## White Background



This preview shows how the Hex color 516ED6 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 516ED6 Background



This preview shows how black text looks on a background with the Hex color 516ED6.




This preview shows how white text looks on a background with the Hex color 516ED6.

# 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](#).

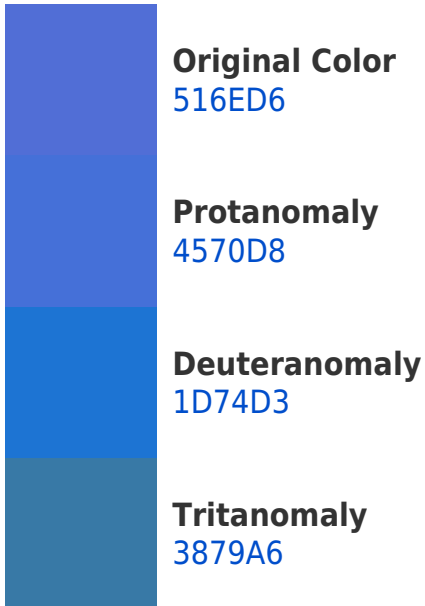
## Dichromacy





**Tritanopia**  
2A808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516ED6 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 #516ED6 looks like.

```
.text, #text, p{  
    color:#516ED6  
}
```

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 #516ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516ED6  
}
```

## Border

The CSS property to change the border of an element to Hex 516ED6 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  
#516ED6 }
```

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

```
.border{ border-color:#516ED6 }
```

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

Here you see how a box with a 4 pixel #516ED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516ED6; -webkit-box-shadow:4px 4px  
4px 4px #516ED6; box-shadow:4px 4px 4px  
4px #516ED6 }
```

# Background

The CSS property to change the background color of an element to Hex 516ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516ED6 }
```

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

```
.background{ background-color:#516ED6 }
```

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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