

# Converting Colors

Hex(515BC5)

Have a look what the booklet for  
Hex(515BC5) contains.

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# Color

Hex(515BC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	515BC5
RGB	81, 91, 197
RGB Percent	32%, 36%, 77%
CMY	0.6824, 0.6431, 0.2275
CMYK	0.59, 0.54, 0.00, 0.23
HSL	235°, 50%, 55%
HSV	235°, 59%, 77%
XYZ	17.2125, 13.2627, 54.4761
YIQ	100.0940, -39.9860, 30.8460

# Conversions

## Conversions Part 2

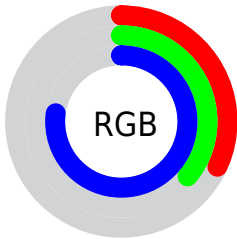
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 90, 197
Decimal	5331909
CIE <sub>Lab</sub>	43.16, 27.90, -56.78
CIE <sub>LCh</sub>	43, 63.263, 296.166
Yxy	13.2627, 0.2026, 0.1561
Android (android.graphics.Color)	4283521989 (0xFF515BC5)
YUV	100.0940, 47.7747, -16.7454
Hunter-Lab	36.4180, 20.6340, -63.1967

# Details

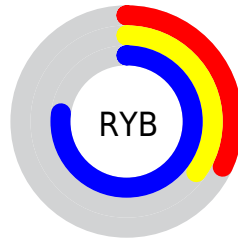
The Hex color **515BC5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C5BB51**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8C8DFE**, and **002E8E** is the 20% darker color. If you saturate the color by 10%, you get **3D49C5**, and if you desaturate by 10%, it is **656DC5**.

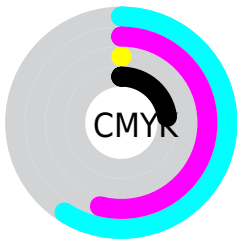
# Distribution



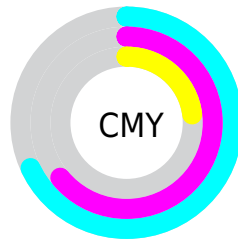
- Red (32%)
- Green (36%)
- Blue (77%)



- Red (32%)
- Yellow (35%)
- Blue (77%)



- Cyan (59%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)



- Cyan (68%)
- Magenta (64%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515BC5 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 515BC5 by changing the saturation by 10% instead.



■ 515BC5

■ 515BC5

FFFFFF

■ 3144A9

■ 8C8DFE

■ 002E8E

■ A9A7FF

■ 001A74

■ C6C3FF

■ 00025B

■ E4DEFF

■ 000742

■ FFFBFF

■ 00032B

■ 000115

■ 000000

■ 515BC5

■ 515BC5

■ 3D49C5

■ 656DC5

■ 2A37C5

■ 787FC5

■ 1625C5

■ 8C91C5

■ 0213C5

■ A0A3C5

■ 0011C5

■ B4B5C5

■ C7C7C5

■ DBD9C5

■ EFEBC5

■ FFFDC5

# Harmonies

## Analogous

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



006FCF



515BC5



9D3FA1

# Triad

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



515BC5



A84A02



007C5D

# Complementary

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



515BC5



C5BB51

# 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.



007826



515BC5



816100

# Square

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



515BC5



BE2E3B



4F7000



007D93

# Rectangle

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



515BC5



B62B80



4F7000



007B4B



# Sweetspot

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



515BC5



D1D5FF



51C5B9



636680



000000



808080



# Same Dimension

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



515BC5



4A5AFF



7F51C5



5A5A63



000EA3



000324



# Inverse Universe

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



C5515B



FF4A5A



97C551



635A5A



A3000E

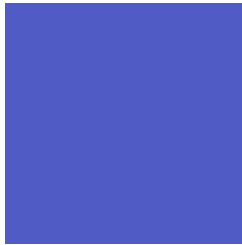


240003



# Previews

## White Background



This preview shows how the Hex color 515BC5 looks on a white background.

## Color Contrast Check

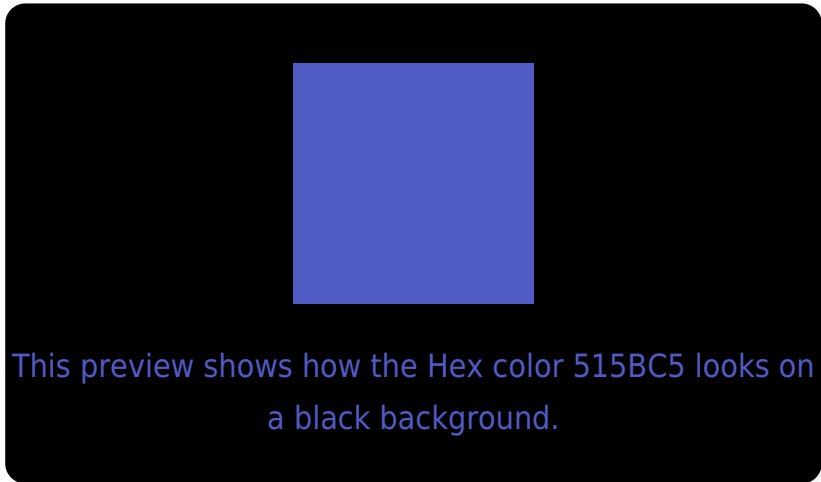
Large Text (above 18pt) WCAG AA ✓ Pass

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

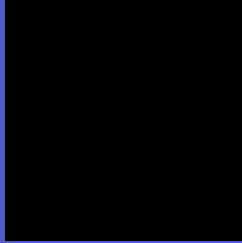
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 515BC5 Background



This preview shows how black text looks on a background with the Hex color 515BC5.



This preview shows how white text looks on a background with the Hex color 515BC5.

# 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](#).

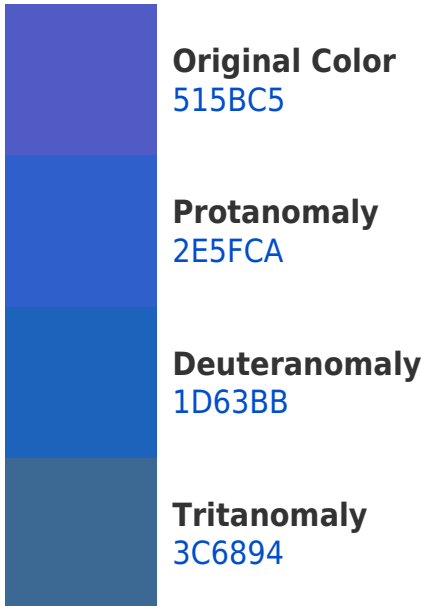
## Dichromacy



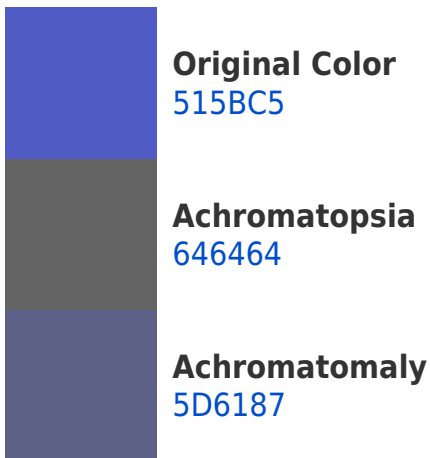


**Tritanopia**  
306F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515BC5 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 #515BC5 looks like.

```
.text, #text, p{  
    color:#515BC5  
}
```

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 #515BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515BC5
}
```

## Border

The CSS property to change the border of an element to Hex 515BC5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

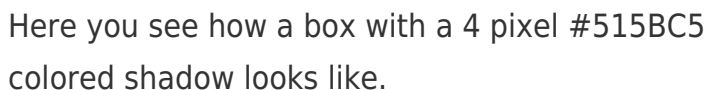
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515BC5 }
```

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

```
.border{ border-color:#515BC5 }
```

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



Here you see how a box with a 4 pixel #515BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515BC5; -webkit-box-shadow:4px 4px  
4px 4px #515BC5; box-shadow:4px 4px 4px  
4px #515BC5 }
```

# Background

The CSS property to change the background color of an element to Hex 515BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515BC5 }
```

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

```
.background{ background-color:#515BC5 }
```

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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