

# Converting Colors

Hex(515FCA)

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

<b>Hex(515FCA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(515FCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	515FCA
RGB	81, 95, 202
RGB Percent	32%, 37%, 79%
CMY	0.6824, 0.6275, 0.2078
CMYK	0.60, 0.53, 0.00, 0.21
HSL	233°, 53%, 55%
HSV	233°, 60%, 79%
XYZ	18.1462, 14.1980, 57.6612
YIQ	103.0120, -42.6910, 30.3090

# Conversions

## Conversions Part 2

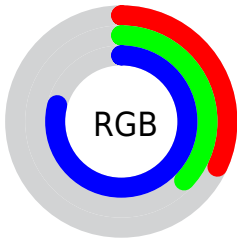
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 94, 202
Decimal	5332938
CIE Lab	44.52, 27.06, -57.47
CIE LCh	45, 63.526, 295.216
Yxy	14.1980, 0.2016, 0.1577
Android (android.graphics.Color)	4283523018 (0xFF515FCA)
YUV	103.0120, 48.8011, -19.3045
Hunter-Lab	37.6803, 20.0223, -64.3539

# Details

The Hex color **515FCA** 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 **CABC51**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8C91FF**, and **003193** is the 20% darker color. If you saturate the color by 10%, you get **3D4DCA**, and if you desaturate by 10%, it is **6571CA**.

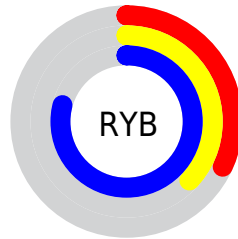
# Distribution



Red (32%)

Green (37%)

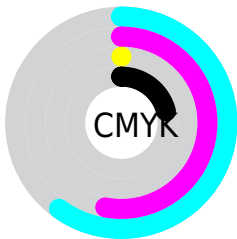
Blue (79%)



Red (32%)

Yellow (37%)

Blue (79%)

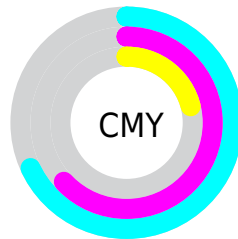


Cyan (60%)

Magenta (53%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (63%)

Yellow (21%)

# Brightness & Saturation Gradients

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



■ 515FCA

■ 515FCA

FFFFFF

■ 3047AE

■ 8C91FF

■ 003193

■ A9ACFF

■ 001D79

■ C7C7FF

■ 00085F

■ E4E3FF

■ 000547

■ 00042F

■ 000119

■ 000000

■ 515FCA

■ 515FCA

■ 3D4DCA

■ 6571CA

■ 293BCA

■ 7983CA

■ 1429CA

■ 8E95CA

■ 0018CA

■ A2A6CA

■ 0017CA

■ B6B8CA

■ CACACA

■ DEDCCA

■ F3EECA

■ FFFFCA

# Harmonies

## Analogous

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



0073D4



515FCA



9F43A6

# Triad

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



515FCA



AD4D08



00805F

# Complementary

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



515FCA



CAB51

# 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.



007C27



515FCA



876400

# Square

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



515FCA



C33240



547300



008095

# Rectangle

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



515FCA



B93086



547300



007F4C



# Sweetspot

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



515FCA



D1D6FF



51CABC



636780



000000



808080



# Same Dimension

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



515FCA



475DFF



7F51CA



5C5D66



0013A6



000426



# Inverse Universe

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



CA515F



FF475D



9CCA51



665C5D



A60013

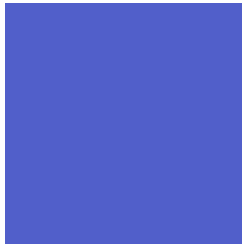


260004



# Previews

## White Background



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

## Color Contrast Check

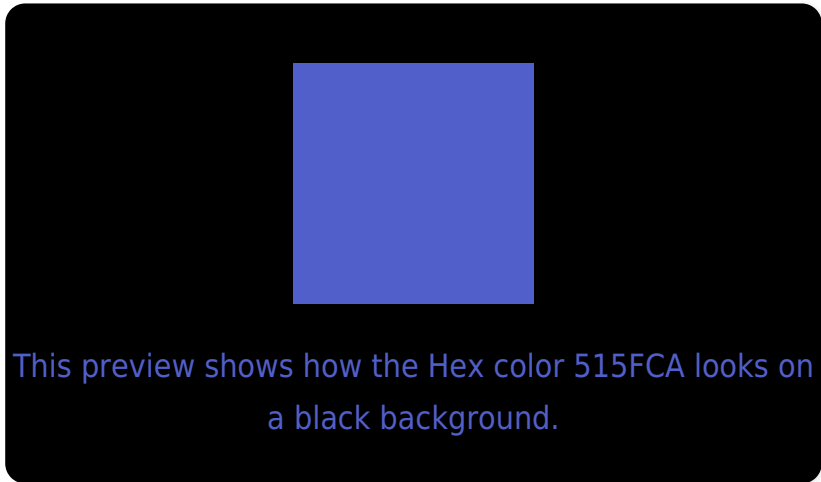
Large Text (above 18pt) WCAG AA ✓ Pass

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

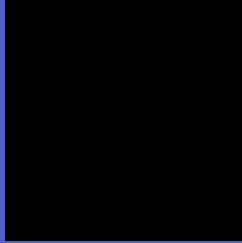
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 515FCA Background



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

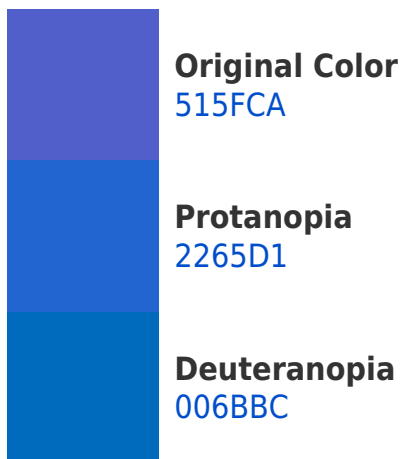



This preview shows how white text looks on a background with the Hex color 515FCA.

# 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](#).

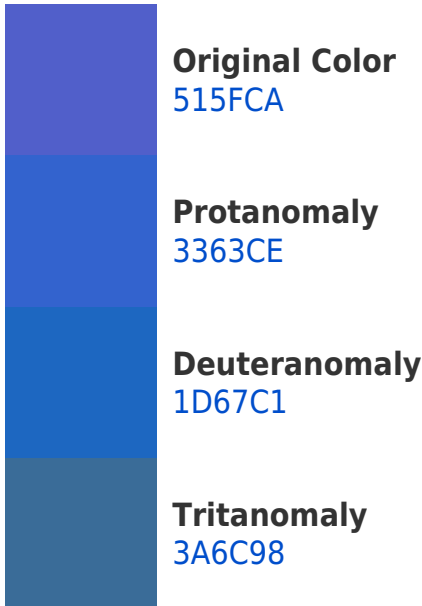
## Dichromacy



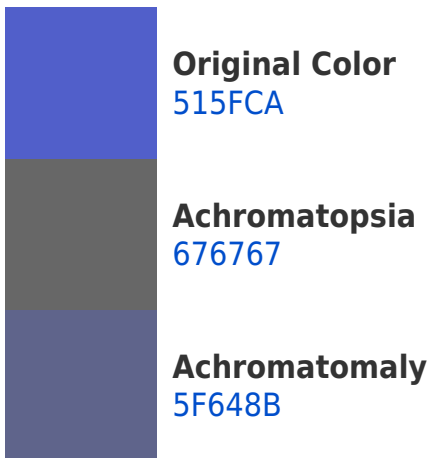


**Tritanopia**  
2D737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #515FCA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 515FCA 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
#515FCA }
```

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor