

# Converting Colors

Hex(515DDA)

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

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# Color

**Hex(515DDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515DDA
RGB	81, 93, 218
RGB Percent	32%, 36%, 85%
CMY	0.6824, 0.6353, 0.1451
CMYK	0.63, 0.57, 0.00, 0.15
HSL	235°, 65%, 59%
HSV	235°, 63%, 85%
XYZ	19.9626, 14.6400, 68.1033
YIQ	103.6620, -47.2770, 36.3310

# Conversions

## Conversions Part 2

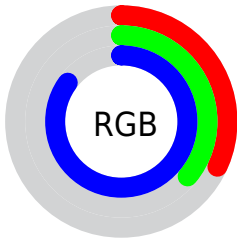
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 92, 218
Decimal	5332442
CIE Lab	45.14, 33.69, -65.63
CIE LCh	45, 73.773, 297.171
Yxy	14.6400, 0.1944, 0.1425
Android (android.graphics.Color)	4283522522 (0xFF515DDA)
YUV	103.6620, 56.3686, -19.8746
Hunter-Lab	38.2622, 26.1700, -78.7473

# Details

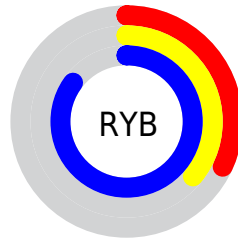
The Hex color **515DDA** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **DACE51**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8F8FFF**, and **002FA2** is the 20% darker color. If you saturate the color by 10%, you get **3B49DA**, and if you desaturate by 10%, it is **6771DA**.

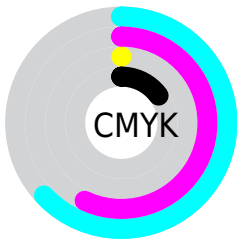
# Distribution



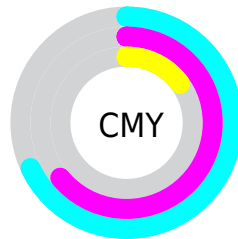
- Red (32%)
- Green (36%)
- Blue (85%)



- Red (32%)
- Yellow (36%)
- Blue (85%)



- Cyan (63%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (64%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



■ 515DDA

■ 515DDA

FFFFFF

■ 2D45BE

■ 8F8FFF

■ 002FA2

■ ADAAFF

■ 001B87

■ CBC5FF

■ 00086D

■ E9E1FF

■ 000154

FFFEFF

■ 00063B

■ 000225

■ 00010D

■ 000000

■ 515DDA

■ 515DDA

■ 3B49DA

■ 6771DA

■ 2535DA

■ 7D85DA

■ 1021DA

■ 9299DA

■ 0013DA

■ A8ADDA

■ BEC0DA

■ D4D4DA

■ EAE8DA

■ FFFCDA

■ FFFFDA

# Harmonies

## Analogous

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



0075E8



515DDA



AD37AF

# Triad

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



515DDA



B44A00



008463

# Complementary

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



515DDA



DACE51

# 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.



00801F



515DDA



876700

# Square

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



515DDA



D01F37



4B7700



0085A2

# Rectangle

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



515DDA



C91388



4B7700



00834D



# Sweetspot

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



515DDA



CFD3FF



51DACC



626580



000000



808080



# Same Dimension

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



515DDA



4051FF



8851DA



63646E



000FAD



00042E



# Inverse Universe

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



DA515D



FF4051



A3DA51



6E6364



AD000F

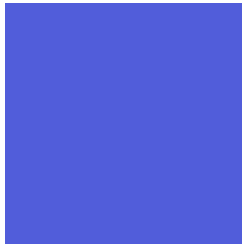


2E0004



# Previews

## White Background



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

## Color Contrast Check

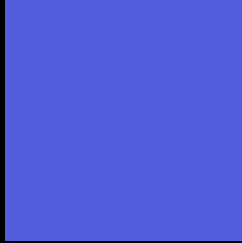
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 515DDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

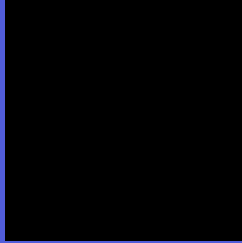
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 515DDA Background



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

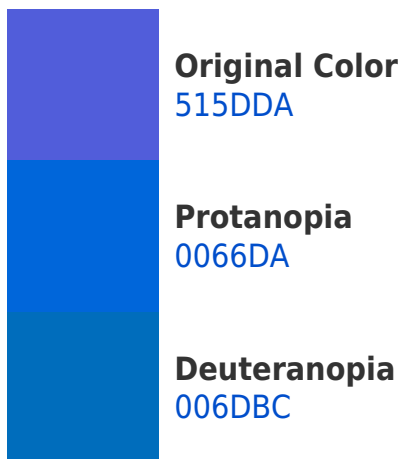


This preview shows how white text looks on a background with the Hex color 515DDA.

# 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](#).

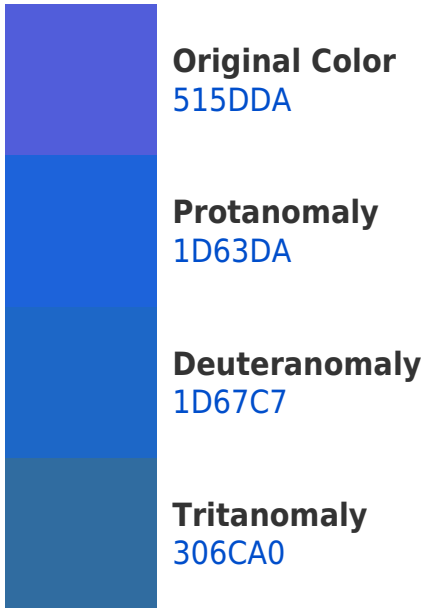
## Dichromacy



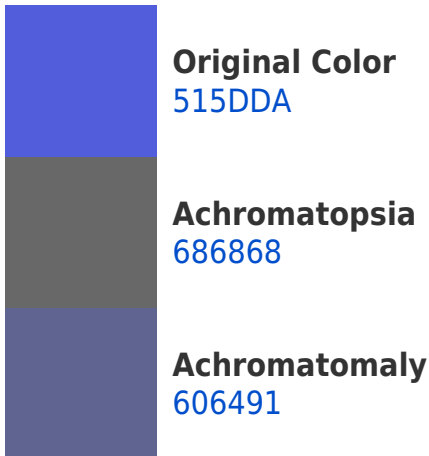


**Tritanopia**  
1D757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #515DDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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