

# Converting Colors

Hex(514BCD)

Have a look what the booklet for  
Hex(514BCD) contains.

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# Color

**Hex(514BCD)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 514BCD                     |
| RGB           | 81, 75, 205                |
| RGB Percent   | 32%, 29%, 80%              |
| CMY           | 0.6824, 0.7059, 0.1961     |
| CMYK          | 0.60, 0.63, 0.00, 0.20     |
| HSL           | 243°, 57%, 55%             |
| HSV           | 243°, 63%, 80%             |
| XYZ           | 16.9289, 11.1893, 59.0251  |
| YIQ           | 91.6140, -38.1540, 41.7020 |

# Conversions

## Conversions Part 2

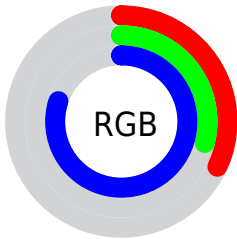
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 81, 75, 205                   |
| Decimal                             | 5327821                       |
| CIE Lab                             | 39.90, 40.38, -66.70          |
| CIE LCh                             | 40, 77.972, 301.192           |
| Yxy                                 | 11.1893, 0.1943,<br>0.1284    |
| Android<br>(android.graphics.Color) | 4283517901<br>(0xFF514BCD)    |
| YUV                                 | 91.6140, 55.8993,<br>-9.3085  |
| Hunter-Lab                          | 33.4504, 31.7988,<br>-81.2054 |

# Details

The Hex color **514BCD** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **C7CD4B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8E7CFF**, and **001E96** is the 20% darker color. If you saturate the color by 10%, you get **3D37CD**, and if you desaturate by 10%, it is **6560CD**.

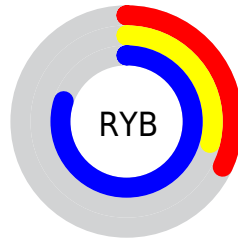
# Distribution



Red (32%)

Green (29%)

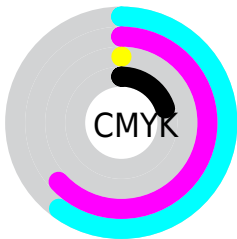
Blue (80%)



Red (32%)

Yellow (29%)

Blue (80%)

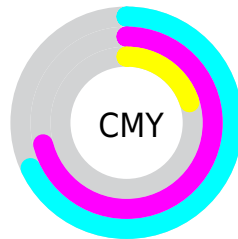


Cyan (60%)

Magenta (63%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (71%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 514BCD 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 514BCD by changing the saturation by 10% instead.



■ 514BCD

FFFFFF

■ 8E7CFF

■ AB97FF

■ C9B1FF

■ E7CDFF

■ FFE9FF

■ 514BCD

■ 514BCD

■ 2E34B1

■ 001E96

■ 00097B

■ 000061

■ 000848

■ 000431

■ 00011B

■ 000000

■ 514BCD

 3D37CD

 6560CD

 2A22CD

 7874CD

 160ECD

 8C89CD

 0900CD

 9F9DCD

 B3B2CD

 C6C6CD

 DADBCD

 EDEFCD

 FFFFCD

# Harmonies

## Analogous

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



0067E0



514BCD



A8119D

# Triad

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



514BCD



A24000



00775F

# Complementary

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



514BCD



C7CD4B

# 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.



007417



514BCD



715D00

# Square

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



514BCD



C10020



2D6C00



00779F

# Rectangle

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



514BCD



C10074



2D6C00



007648



# Sweetspot

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



514BCD



D1CFFF



4BC9CD



646280



000000



808080



# Same Dimension

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



514BCD



463DFF



904BCD



5C5C66



0800A6



020026



# Inverse Universe

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



CD4BC7



FF3DF6



88CD4B



665C66



A6009E

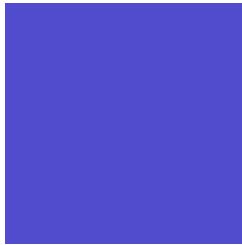


260024



# Previews

## White Background



This preview shows how the Hex color 514BCD looks on a white background.

## Color Contrast Check

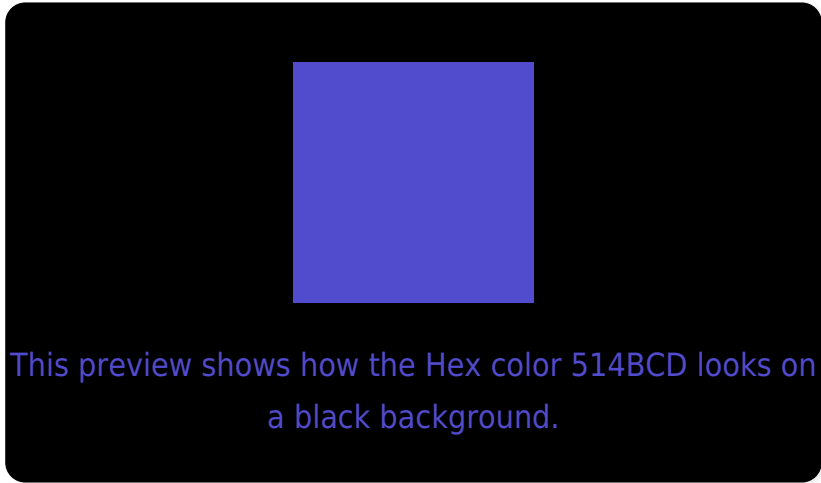
Large Text (above 18pt) WCAG AA ✓ Pass

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

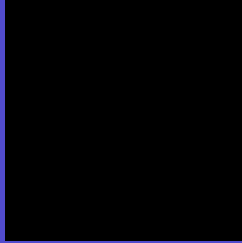
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 514BCD Background



This preview shows how black text looks on a background with the Hex color 514BCD.

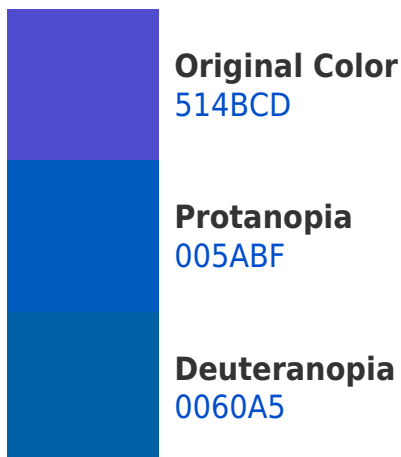



This preview shows how white text looks on a background with the Hex color 514BCD.

# 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](#).

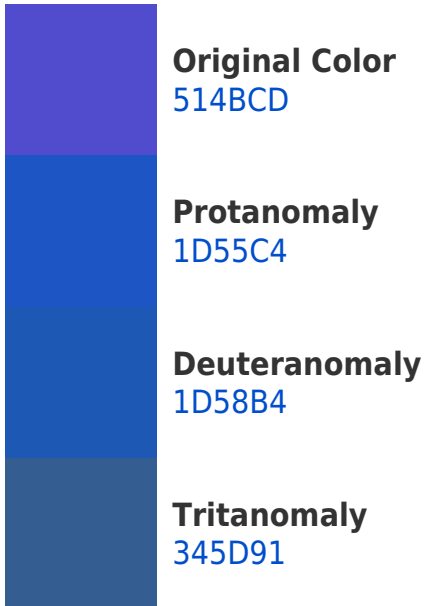
## Dichromacy





**Tritanopia**  
24676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 514BCD 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 #514BCD looks like.

```
.text, #text, p{  
    color:#514BCD  
}
```

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 #514BCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514BCD
}
```

## Border

The CSS property to change the border of an element to Hex 514BCD is called "border". The border property can be set on classes, ids or directly on the HTML element.

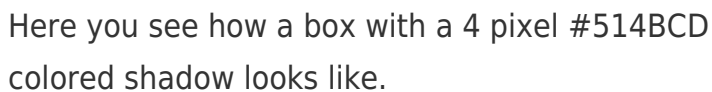
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#514BCD }
```

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

```
.border{ border-color:#514BCD }
```

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



Here you see how a box with a 4 pixel #514BCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #514BCD; -webkit-box-shadow:4px 4px  
4px 4px #514BCD; box-shadow:4px 4px 4px  
4px #514BCD }
```

# Background

The CSS property to change the background color of an element to Hex 514BCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514BCD }
```

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

```
.background{ background-color:#514BCD }
```

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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