

Converting Colors

Hex(5150BD)

Have a look what the booklet for
Hex(5150BD) contains.

Hex(5150BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5150BD)

Conversions

Conversions Part 1

Format	Color
Hex	5150BD
RGB	81, 80, 189
RGB Percent	32%, 31%, 74%
CMY	0.6824, 0.6863, 0.2588
CMYK	0.57, 0.58, 0.00, 0.26
HSL	241°, 45%, 53%
HSV	241°, 58%, 74%
XYZ	15.4473, 11.1608, 49.4842
YIQ	92.7250, -34.3930, 34.1110

Conversions

Conversions Part 2

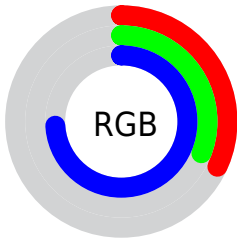
Format	Color
R _Y B	81, 80, 189
Decimal	5329085
CIE Lab	39.85, 32.13, -57.47
CIE LCh	40, 65.845, 299.205
Yxy	11.1608, 0.2030, 0.1467
Android (android.graphics.Color)	4283519165 (0xFF5150BD)
YUV	92.7250, 47.4636, -10.2828
Hunter-Lab	33.4077, 24.0725, -64.4361

Details

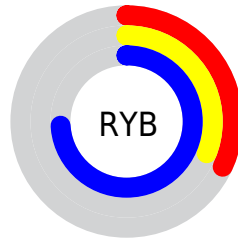
The Hex color **5150BD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BCBD50**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8B81F6**, and **002387** is the 20% darker color. If you saturate the color by 10%, you get **3E3DBD**, and if you desaturate by 10%, it is **6463BD**.

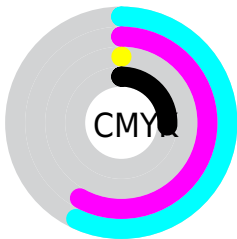
Distribution



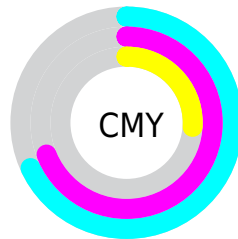
- Red (32%)
- Green (31%)
- Blue (74%)



- Red (32%)
- Yellow (31%)
- Blue (74%)



- Cyan (57%)
- Magenta (58%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5150BD 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 5150BD by changing the saturation by 10% instead.

■ 5150BD

■ 5150BD

FFFFFF

■ 3139A1

■ 8B81F6

■ 002387

■ A89CFF

■ 000F6D

■ C5B6FF

■ 000054

■ E3D2FF

■ 00063B

■ FFEEFF

■ 000225

■ 00010D

■ 000000

■ 5150BD

■ 5150BD

■ 3E3DBD

■ 6463BD

■ 2C2ABD

■ 7676BD

■ 1917BD

■ 8989BD

■ 0604BD

■ 9C9CBD

■ 0200BD

■ AFABFD

■ C1C1BD

■ D4D4BD

■ E7E7BD

■ FAFABD

Harmonies

Analogous

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



0066CB



5150BD



9B2F96

Triad

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



5150BD



9C4400



00745B

Complementary

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



5150BD



BCBD50

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.



007121



5150BD



745B00

Square

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



5150BD



B5212D



3E6A00



007491

Rectangle

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



5150BD



B21374



3E6A00



007348

Sweetspot

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



5150BD



CCCBF5



50BDBD



62627A



FAFAFA



7A7A7A

Same Dimension

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



5150BD



4D4CF5



8750BD



55555E



01009E



00001F

Inverse Universe

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



BD50BC



F54CF3



87BD50



5E555E



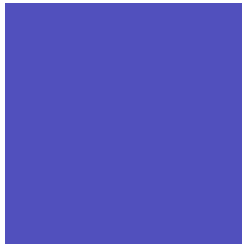
9E009D



1F001E

Previews

White Background



This preview shows how the Hex color 5150BD looks on a white background.

Color Contrast Check

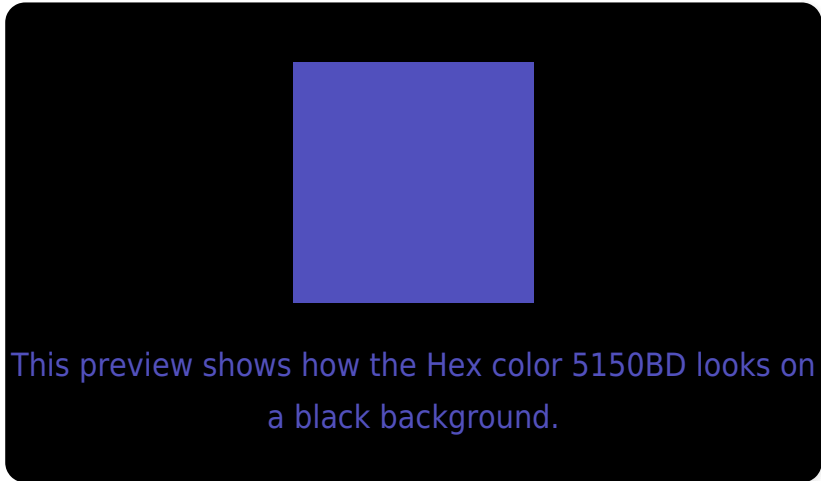
Large Text (above 18pt) WCAG AA ✓ Pass

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 5150BD Background



This preview shows how black text looks on a background with the Hex color 5150BD.

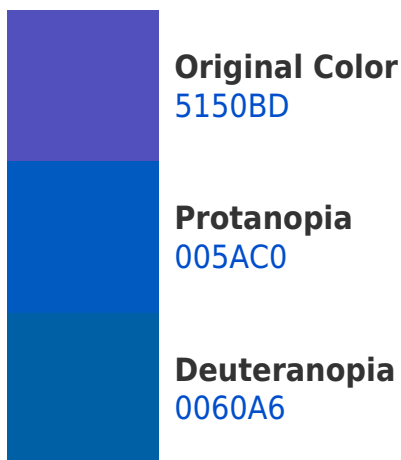



This preview shows how white text looks on a background with the Hex color 5150BD.

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](#).

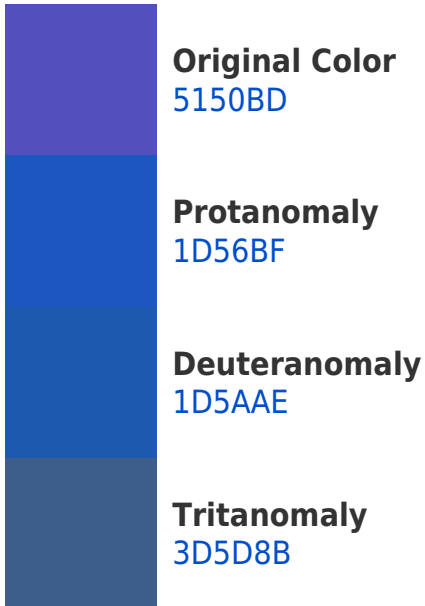
Dichromacy



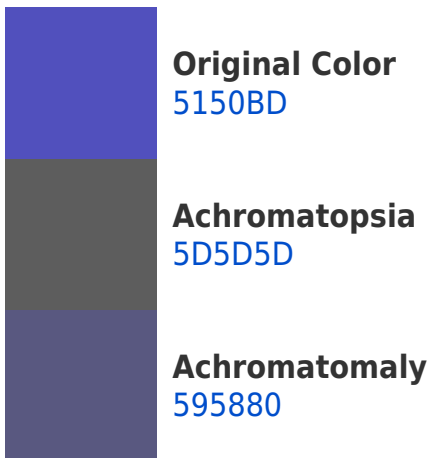


Tritanopia
32656E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5150BD 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 #5150BD looks like.

```
.text, #text, p{  
    color:#5150BD  
}
```

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 #5150BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5150BD
}
```

Border

The CSS property to change the border of an element to Hex 5150BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

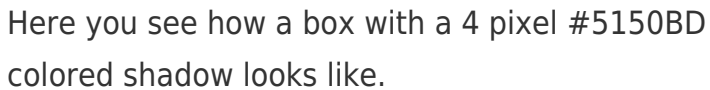
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5150BD }
```

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

```
.border{ border-color:#5150BD }
```

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



Here you see how a box with a 4 pixel #5150BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5150BD; -webkit-box-shadow:4px 4px  
4px 4px #5150BD; box-shadow:4px 4px 4px  
4px #5150BD }
```

Background

The CSS property to change the background color of an element to Hex 5150BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5150BD }
```

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

```
.background{ background-color:#5150BD }
```

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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