

Converting Colors

Hex(5050B9)

Have a look what the booklet for
Hex(5050B9) contains.

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Color

Hex(5050B9)

Conversions

Conversions Part 1

Format	Color
Hex	5050B9
RGB	80, 80, 185
RGB Percent	31%, 31%, 73%
CMY	0.6863, 0.6863, 0.2745
CMYK	0.57, 0.57, 0.00, 0.27
HSL	240°, 43%, 52%
HSV	240°, 57%, 73%
XYZ	14.9339, 10.9456, 47.2245
YIQ	91.9700, -33.7050, 32.6550

Conversions

Conversions Part 2

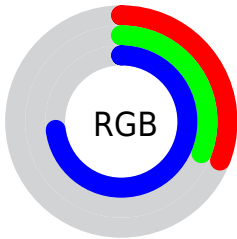
Format	Color
R _Y B	80, 80, 185
Decimal	5263545
CIE Lab	39.49, 30.63, -55.72
CIE LCh	39, 63.584, 298.797
Yxy	10.9456, 0.2043, 0.1497
Android (android.graphics.Color)	4283453625 (0xFF5050B9)
YUV	91.9700, 45.8638, -10.4977
Hunter-Lab	33.0841, 22.6762, -61.4722

Details

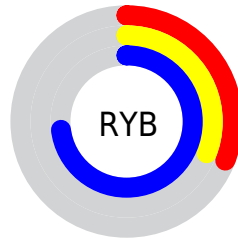
The Hex color **5050B9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9B950**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8A81F2**, and **002383** is the 20% darker color. If you saturate the color by 10%, you get **3D3DB9**, and if you desaturate by 10%, it is **6363B9**.

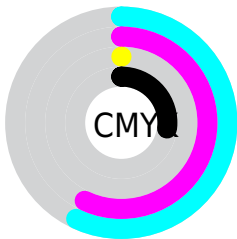
Distribution



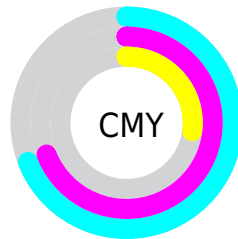
- Red (31%)
- Green (31%)
- Blue (73%)



- Red (31%)
- Yellow (31%)
- Blue (73%)



- Cyan (57%)
- Magenta (57%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (69%)
- Yellow (27%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5050B9 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 5050B9 by changing the saturation by 10% instead.

■ 5050B9

■ 5050B9

FFFFFF

■ 31399E

■ 8A81F2

■ 002383

■ A69BFF

■ 001069

■ C3B6FF

■ 000050

■ E1D2FF

■ 000538

■ FFEFFF

■ 000222

■ 000008

■ 000000

■ 5050B9

■ 5050B9

■ 3D3DB9

■ 6363B9

■ 2B2BB9

■ 7575B9

■ 1818B9

■ 8888B9

■ 0606B9

■ 9A9AB9

■ 0000B9

■ ADADB9

■ BFBFB9

■ D2D2B9

■ E4E4B9

■ F6F6B9

Harmonies

Analogous

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



0065C6



5050B9



973194

Triad

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



5050B9



9A4400



007359

Complementary

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



5050B9



B9B950

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.



006F22



5050B9



735A00

Square

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



5050B9



B2242F



406800



00738E

Rectangle

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



5050B9



AE1A73



406800



007247

Sweetspot

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



5050B9



C7C7F0



50B9B9



606078



F7F7F7



787878

Same Dimension

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



5050B9



4D4DF0



8550B9



53535C



00009C



00001C

Inverse Universe

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



B950B9



F04DF0



85B950



5C535C



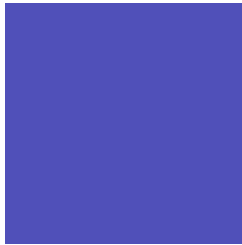
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 5050B9 looks on a white background.

Color Contrast Check

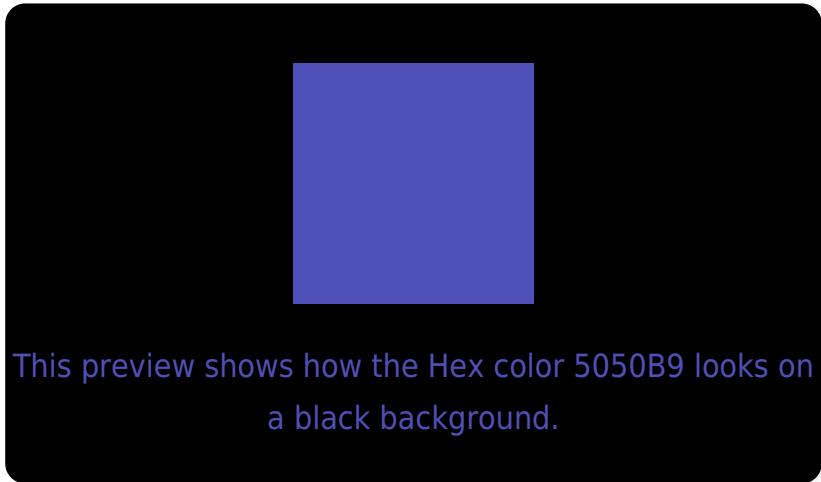
Large Text (above 18pt) WCAG AA ✓ Pass

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

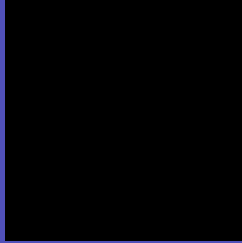
Any Text WCAG AA × Fail

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 5050B9 Background



This preview shows how black text looks on a background with the Hex color 5050B9.

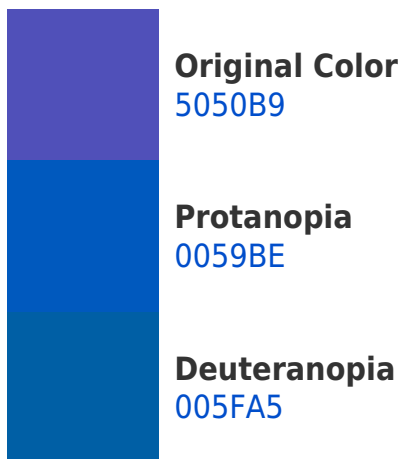



This preview shows how white text looks on a background with the Hex color 5050B9.

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](#).

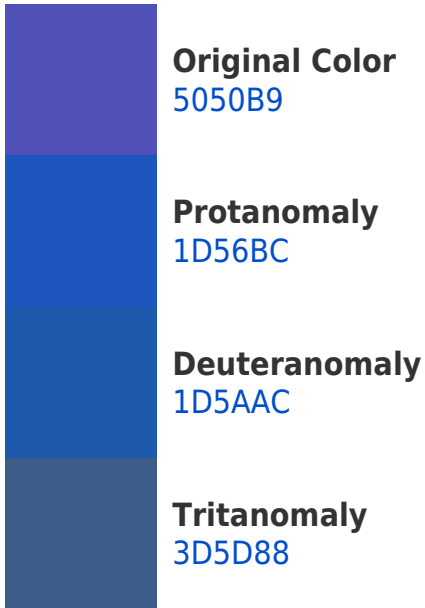
Dichromacy





Tritanopia
32646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5050B9 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 #5050B9 looks like.

```
.text, #text, p{  
    color:#5050B9  
}
```

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 #5050B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5050B9
}
```

Border

The CSS property to change the border of an element to Hex 5050B9 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
#5050B9 }
```

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

```
.border{ border-color:#5050B9 }
```

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

Here you see how a box with a 4 pixel #5050B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5050B9; -webkit-box-shadow:4px 4px  
4px 4px #5050B9; box-shadow:4px 4px 4px  
4px #5050B9 }
```

Background

The CSS property to change the background color of an element to Hex 5050B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5050B9 }
```

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

```
.background{ background-color:#5050B9 }
```

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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