

Converting Colors

Hex(5108B9)

Have a look what the booklet for
Hex(5108B9) contains.

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Color

Hex(5108B9)

Conversions

Conversions Part 1

Format	Color
Hex	5108B9
RGB	81, 8, 185
RGB Percent	32%, 3%, 73%
CMY	0.6824, 0.9686, 0.2745
CMYK	0.56, 0.96, 0.00, 0.27
HSL	265°, 92%, 38%
HSV	265°, 96%, 73%
XYZ	12.2371, 5.4258, 46.3013
YIQ	50.0050, -13.3090, 70.5230

Conversions

Conversions Part 2

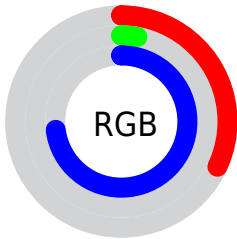
Format	Color
R_{YB}	81, 8, 185
Decimal	5310649
CIE _{Lab}	27.91, 63.19, -74.68
CIE _{LCh}	28, 97.826, 310.233
Yxy	5.4258, 0.1913, 0.0848
Android (android.graphics.Color)	4283500729 (0xFF5108B9)
YUV	50.0050, 66.5525, 27.1826
Hunter-Lab	23.2933, 53.0116, -101.5484

Details

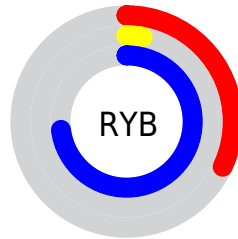
The Hex color **5108B9** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **70B908**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8E47F2**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **4C00B9**, and if you desaturate by 10%, it is **5C1AB9**.

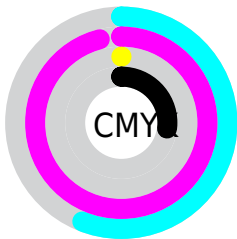
Distribution



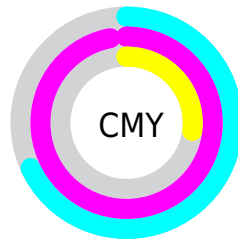
- Red (32%)
- Green (3%)
- Blue (73%)



- Red (32%)
- Yellow (3%)
- Blue (73%)



- Cyan (56%)
- Magenta (96%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (97%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5108B9 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 5108B9 by changing the saturation by 10% instead.

5108B9

5108B9

FFFFFF

2E009D

8E47F2

000082

AC62FF

000068

CA7DFF

00014F

E998FF

000537

FFB4FF

000221

FFD1FF

000005

FFEEFF

000000

5108B9

5108B9

■ 4C00B9

■ 5C1AB9

■ 672DB9

■ 723FB9

■ 7C52B9

■ 8765B9

■ 9277B9

■ 9D8AB9

■ A89CB9

■ B3AFB9

Harmonies

Analogous

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



0048DD



5108B9



A50077

Triad

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



5108B9



782800



00595B

Complementary

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



5108B9



70B908

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.



005702



5108B9



3A4800

Square

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



5108B9



A40000



005300



005CA5

Rectangle

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



5108B9



B70046



005300



005941

Sweetspot

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



5108B9



C7AAF0



0872B9



5F4E78



F7F7F7



787878

Same Dimension

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



5108B9



6300F0



A708B9



56535C



40009C



0C001C

Inverse Universe

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



B90870



F0008D



1AB908



5C5358



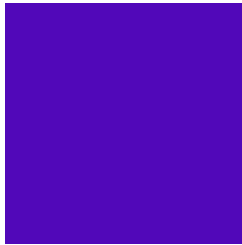
9C005B



1C0010

Previews

White Background



This preview shows how the Hex color 5108B9 looks on a white background.

Color Contrast Check

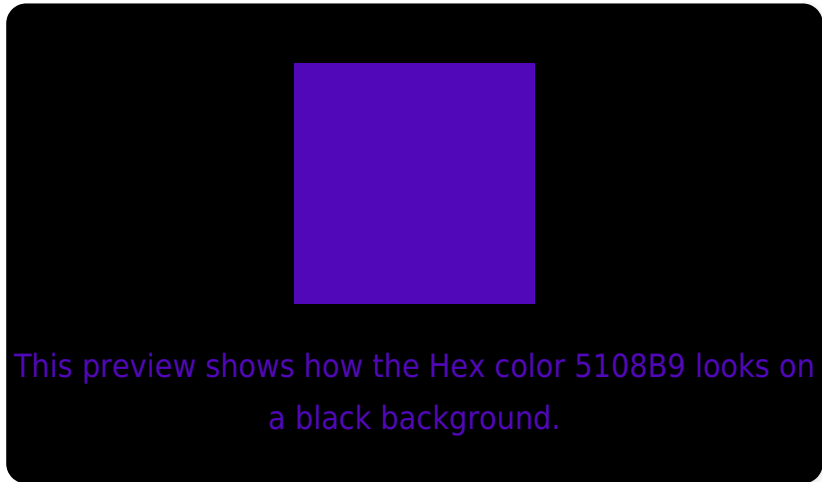
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

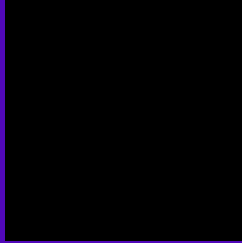
Any Text WCAG AA × Fail

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 5108B9 Background



This preview shows how black text looks on a background with the Hex color 5108B9.

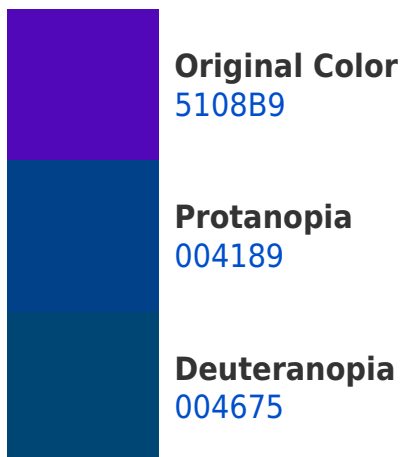


This preview shows how white text looks on a background with the Hex color 5108B9.

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
2A484E

Trichromacy



Original Color
5108B9

Protanomaly
1D2C9A

Deuteranomaly
1D2F8E

Tritanomaly
383175

Monochromacy



Original Color
5108B9

Achromatopsia
323232

Achromatomaly
3D2363

CSS Examples

Text

The CSS property to change the color of the text to Hex 5108B9 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 #5108B9 looks like.

```
.text, #text, p{  
    color:#5108B9  
}
```

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 #5108B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5108B9
}
```

Border

The CSS property to change the border of an element to Hex 5108B9 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
#5108B9 }
```

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

```
.border{ border-color:#5108B9 }
```

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

Here you see how a box with a 4 pixel #5108B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5108B9; -webkit-box-shadow:4px 4px  
4px 4px #5108B9; box-shadow:4px 4px 4px  
4px #5108B9 }
```

Background

The CSS property to change the background color of an element to Hex 5108B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5108B9 }
```

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

```
.background{ background-color:#5108B9 }
```

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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