

Converting Colors

Hex(8070B9)

Have a look what the booklet for
Hex(8070B9) contains.

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Color

Hex(8070B9)

Conversions

Conversions Part 1

Format	Color
Hex	8070B9
RGB	128, 112, 185
RGB Percent	50%, 44%, 73%
CMY	0.4980, 0.5608, 0.2745
CMYK	0.31, 0.39, 0.00, 0.27
HSL	253°, 34%, 58%
HSV	253°, 39%, 73%
XYZ	23.4532, 19.6803, 48.4615
YIQ	125.1060, -13.8970, 26.0950

Conversions

Conversions Part 2

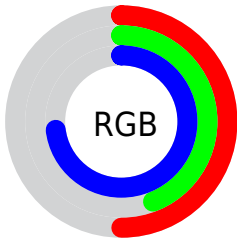
Format	Color
R_{YB}	128, 112, 185
Decimal	8417465
CIE _{Lab}	51.47, 22.78, -36.37
CIE _{LCh}	51, 42.910, 302.058
Yxy	19.6803, 0.2561, 0.2149
Android (android.graphics.Color)	4286607545 (0xFF8070B9)
YUV	125.1060, 29.5277, 2.5380
Hunter-Lab	44.3625, 16.7336, -33.7145

Details

The Hex color **8070B9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9B970**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B6A4F1**, and **4C4083** is the 20% darker color. If you saturate the color by 10%, you get **725EB9**, and if you desaturate by 10%, it is **8E83B9**.

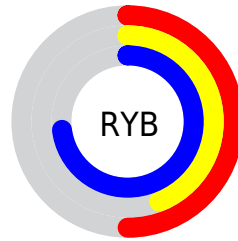
Distribution



Red (50%)

Green (44%)

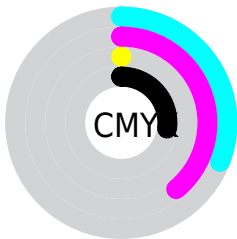
Blue (73%)



Red (50%)

Yellow (44%)

Blue (73%)

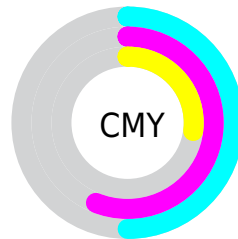


Cyan (31%)

Magenta (39%)

Yellow (0%)

Black (27%)



Cyan (50%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8070B9 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 8070B9 by changing the saturation by 10% instead.

■ 8070B9

■ 8070B9

FFFFFF

■ 66579E

■ B6A4F1

■ 4C4083

■ D3BFFF

■ 332A6A

■ F0DBFF

■ 181551

■ FFF7FF

■ 02003A

■ 000223

■ 00000B

■ 000000

■ 8070B9

■ 8070B9

725EB9

8E83B9

634BB9

9D95B9

5539B9

ABA8B9

4626B9

BABAB9

3814B9

C8CDB9

2901B9

D7DFB9

2900B9

E5F2B9

F4FFB9

FFFFB9

Harmonies

Analogous

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



387EC4



8070B9



AA629E

Triad

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



8070B9



AB6C3A



008D7C

Complementary

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



8070B9



A9B970

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.



358A57



8070B9



8D7A2E

Square

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



8070B9



BC6056



688439



008CA1

Rectangle

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



8070B9



B95C86



688439



008C6F

Sweetspot

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



8070B9



D9D3F0



70A9B9



6B6778



F7F7F7



787878

Same Dimension

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



8070B9



987FF0



A470B9



55535C



22009C



06001C

Inverse Universe

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



B970A9



F07FD7



85B970



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color 8070B9 looks on a white background.

Color Contrast Check

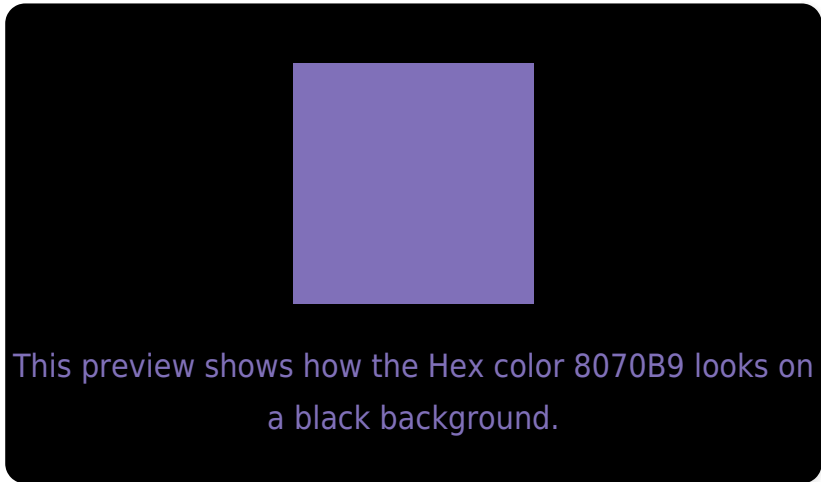
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

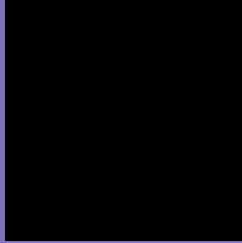
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8070B9 Background



This preview shows how black text looks on a background with the Hex color 8070B9.

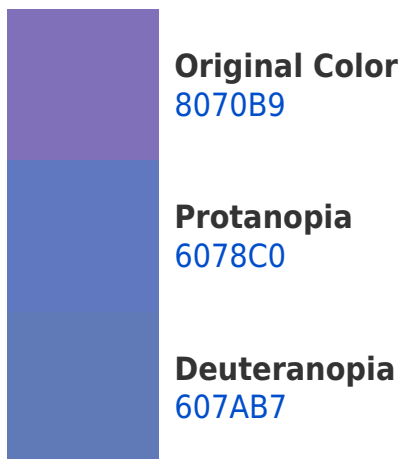


This preview shows how white text looks on a background with the Hex color 8070B9.

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](#).

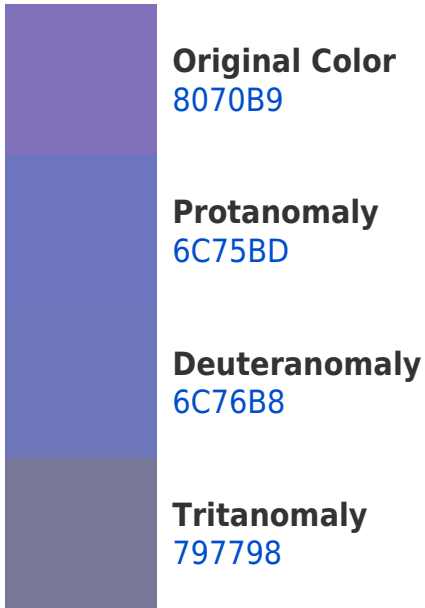
Dichromacy





Tritanopia
757B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8070B9 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 #8070B9 looks like.

```
.text, #text, p{  
    color:#8070B9  
}
```

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 #8070B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8070B9
}
```

Border

The CSS property to change the border of an element to Hex 8070B9 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
#8070B9 }
```

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

```
.border{ border-color:#8070B9 }
```

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

Here you see how a box with a 4 pixel #8070B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8070B9; -webkit-box-shadow:4px 4px  
4px 4px #8070B9; box-shadow:4px 4px 4px  
4px #8070B9 }
```

Background

The CSS property to change the background color of an element to Hex 8070B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8070B9 }
```

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

```
.background{ background-color:#8070B9 }
```

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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