

Converting Colors

Hex(8066BC)

Have a look what the booklet for
Hex(8066BC) contains.

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Color

Hex(8066BC)

Conversions

Conversions Part 1

Format	Color
Hex	8066BC
RGB	128, 102, 188
RGB Percent	50%, 40%, 74%
CMY	0.4980, 0.6000, 0.2627
CMYK	0.32, 0.46, 0.00, 0.26
HSL	258°, 39%, 57%
HSV	258°, 46%, 74%
XYZ	22.7306, 17.7228, 49.7998
YIQ	119.5780, -12.1100, 32.2580

Conversions

Conversions Part 2

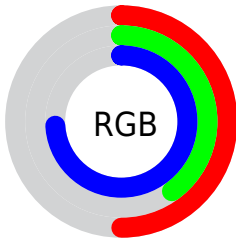
Format	Color
R _Y B	128, 102, 188
Decimal	8414908
CIE Lab	49.16, 29.50, -41.75
CIE LCh	49, 51.124, 305.245
Yxy	17.7228, 0.2519, 0.1964
Android (android.graphics.Color)	4286604988 (0xFF8066BC)
YUV	119.5780, 33.7320, 7.3861
Hunter-Lab	42.0984, 22.7068, -40.6674

Details

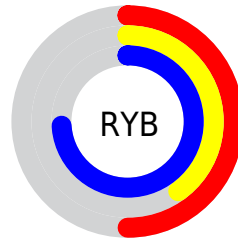
The Hex color **8066BC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A2BC66**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B799F5**, and **4B3686** is the 20% darker color. If you saturate the color by 10%, you get **7353BC**, and if you desaturate by 10%, it is **8D79BC**.

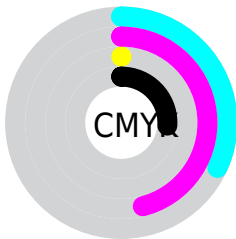
Distribution



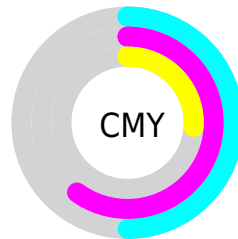
- Red (50%)
- Green (40%)
- Blue (74%)



- Red (50%)
- Yellow (40%)
- Blue (74%)



- Cyan (32%)
- Magenta (46%)
- Yellow (0%)
- Black (26%)



- Cyan (50%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8066BC 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 8066BC by changing the saturation by 10% instead.

8066BC

8066BC

FFFFFF

654EA1

B799F5

4B3686

D3B4FF

31206C

F0D0FF

140B54

FFECFF

00003C

000225

00010E

000000

8066BC

8066BC

7353BC

8D79BC

6640BC

9A8CBC

592EBC

A79EBC

4C1BBC

B4B1BC

3E08BC

C2C4BC

3900BC

CFD7BC

DCEABC

E9FCBC

F6FFBC

Harmonies

Analogous

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



1277CB



8066BC



AF549A

Triad

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



8066BC



A76523



00897B

Complementary

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



8066BC



A2BC66

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.



00874F



8066BC



847512

Square

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



8066BC



BE5445



578028



0088A6

Rectangle

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



8066BC



BF4C7E



578028



00896C

Sweetspot

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



8066BC



DDD3F5



66A2BC



6C667A



FAFAFA



7A7A7A

Same Dimension

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



8066BC



976EF5



AB66BC



58555E



30009E



09001F

Inverse Universe

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



BC66A2



F56ECC



77BC66



5E555B



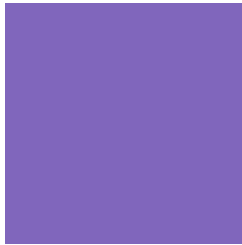
9E006E



1F0015

Previews

White Background



This preview shows how the Hex color 8066BC looks on a white background.

Color Contrast Check

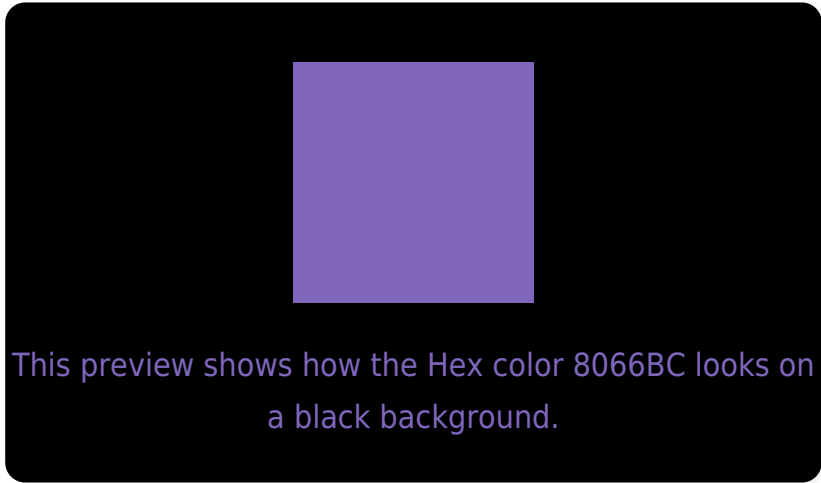
Large Text (above 18pt) WCAG AA ✓ Pass

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

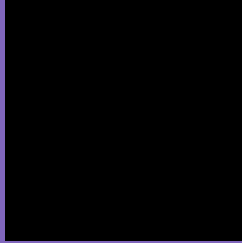
Any Text WCAG AA ✓ Pass

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 8066BC Background



This preview shows how black text looks on a background with the Hex color 8066BC.

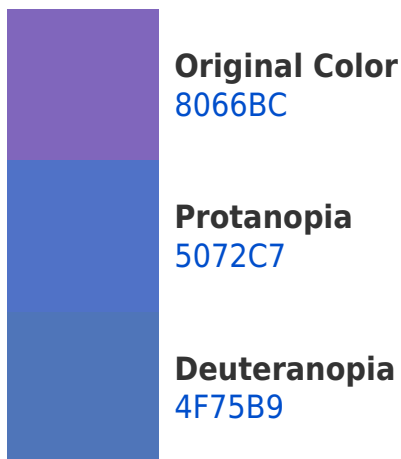


This preview shows how white text looks on a background with the Hex color 8066BC.

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](#).

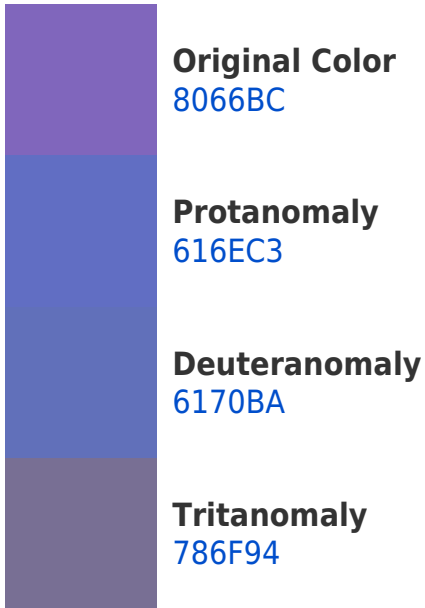
Dichromacy





Tritanopia
73747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8066BC 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 #8066BC looks like.

```
.text, #text, p{  
    color:#8066BC  
}
```

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 #8066BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8066BC
}
```

Border

The CSS property to change the border of an element to Hex 8066BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

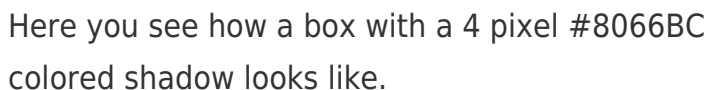
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8066BC }
```

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

```
.border{ border-color:#8066BC }
```

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



Here you see how a box with a 4 pixel #8066BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8066BC; -webkit-box-shadow:4px 4px  
4px 4px #8066BC; box-shadow:4px 4px 4px  
4px #8066BC }
```

Background

The CSS property to change the background color of an element to Hex 8066BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8066BC }
```

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

```
.background{ background-color:#8066BC }
```

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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