

# Converting Colors

Hex(8166D6)

Have a look what the booklet for  
Hex(8166D6) contains.

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# **Color**

**Hex(8166D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8166D6
RGB	129, 102, 214
RGB Percent	51%, 40%, 84%
CMY	0.4941, 0.6000, 0.1608
CMYK	0.40, 0.52, 0.00, 0.16
HSL	254°, 58%, 62%
HSV	254°, 52%, 84%
XYZ	25.9422, 19.0249, 65.9232
YIQ	122.8410, -19.8600, 40.5560

# Conversions

## Conversions Part 2

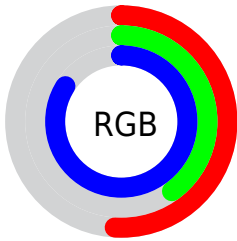
Format	Color
<a href="#">RYB</a>	<a href="#">129, 102, 214</a>
Decimal	<a href="#">8480470</a>
CIELab	<a href="#">50.72, 36.76, -54.17</a>
CIELCh	<a href="#">51, 65.465, 304.165</a>
Yxy	<a href="#">19.0249, 0.2339, 0.1716</a>
Android (android.graphics.Color)	<a href="#">4286670550 (0xFF8166D6)</a>
YUV	<a href="#">122.8410, 44.9414, 5.4014</a>
Hunter-Lab	<a href="#">43.6176, 29.8350, -59.0781</a>

# Details

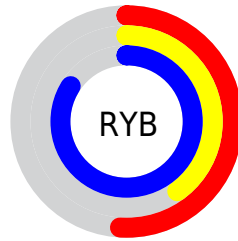
The Hex color **8166D6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BBD666**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BA9AFF**, and **49369E** is the 20% darker color. If you saturate the color by 10%, you get **7151D6**, and if you desaturate by 10%, it is **917BD6**.

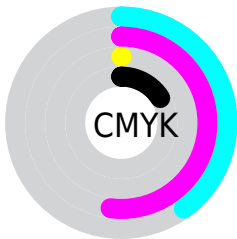
# Distribution



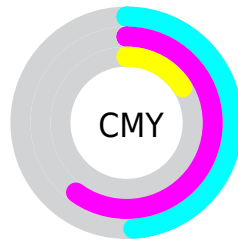
- Red (51%)
- Green (40%)
- Blue (84%)



- Red (51%)
- Yellow (40%)
- Blue (84%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)




- Cyan (49%)
- Magenta (60%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 8166D6 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 8166D6 by changing the saturation by 10% instead.



 8166D6

 8166D6

FFFFFF

 654EBA

 BA9AFF

 49369E

 D7B5FF

 2B1F84

 F4D0FF

 00096A

 FFEDFF

 000051

 000539

 000223

 000009

 000000

8166D6

8166D6

7151D6

917BD6

613BD6

A191D6

5026D6

B2A6D6

4010D6

C2BCD6

3400D6

D2D1D6

E2E6D6

F3FCD6

FFFFD6

# Harmonies

## Analogous

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



007DE9



8166D6



C149AA

# Triad

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



8166D6



B76300



00927F

# Complementary

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



8166D6



BBD666

# 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.



008E45



8166D6



8B7900

# Square

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



8166D6



D4483D



508701



0091B6

# Rectangle

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



8166D6



D53B86



508701



00916C



# Sweetspot

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



8166D6



E0D6FF



66BCD6



6D6780



000000



808080



# Same Dimension

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



8166D6



855EFF



B866D6



63606B



2900AB



0A002B



# Inverse Universe

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



D666BB



FF5ED8



84D666



6B6069



AB0082

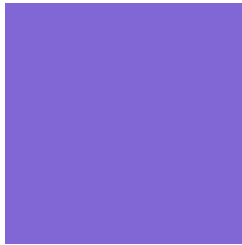


2B0021



# Previews

## White Background



This preview shows how the Hex color 8166D6 looks on a white background.

## Color Contrast Check

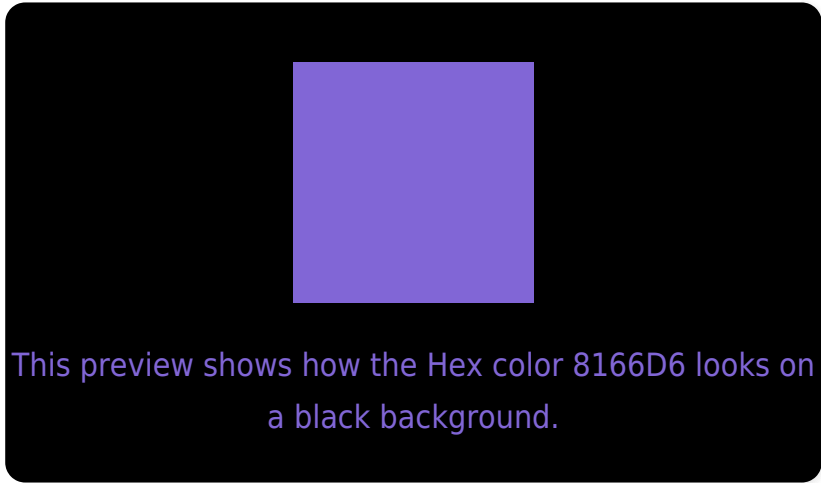
Large Text (above 18pt) WCAG AA ✓ Pass

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 8166D6 Background



This preview shows how black text looks on a background with the Hex color 8166D6.

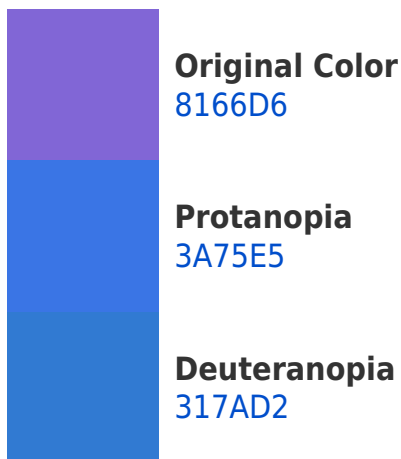


This preview shows how white text looks on a background with the Hex color 8166D6.

# 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](#).

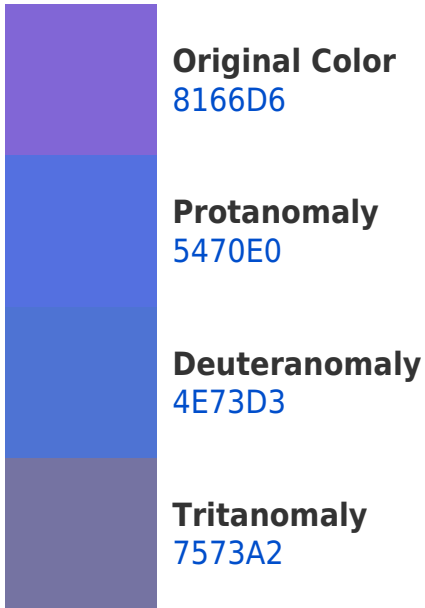
## Dichromacy





**Tritanopia**  
6E7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8166D6 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 #8166D6 looks like.

```
.text, #text, p{  
    color:#8166D6  
}
```

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 #8166D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8166D6
}
```

## Border

The CSS property to change the border of an element to Hex 8166D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

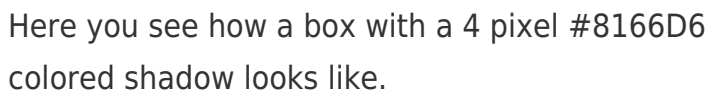
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8166D6 }
```

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

```
.border{ border-color:#8166D6 }
```

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



Here you see how a box with a 4 pixel #8166D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8166D6; -webkit-box-shadow:4px 4px  
4px 4px #8166D6; box-shadow:4px 4px 4px  
4px #8166D6 }
```

# Background

The CSS property to change the background color of an element to Hex 8166D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8166D6 }
```

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

```
.background{ background-color:#8166D6 }
```

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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