

Converting Colors

Hex(8166D5)

Have a look what the booklet for
Hex(8166D5) contains.

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Color

Hex(8166D5)

Conversions

Conversions Part 1

Format	Color
Hex	8166D5
RGB	129, 102, 213
RGB Percent	51%, 40%, 84%
CMY	0.4941, 0.6000, 0.1647
CMYK	0.39, 0.52, 0.00, 0.16
HSL	255°, 57%, 62%
HSV	255°, 52%, 84%
XYZ	25.8149, 18.9740, 65.2525
YIQ	122.7270, -19.5390, 40.2450

Conversions

Conversions Part 2

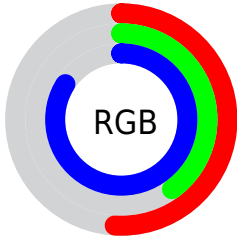
Format	Color
R_{YB}	129, 102, 213
Decimal	8480469
CIE _{Lab}	50.66, 36.49, -53.69
CIE _{LCh}	51, 64.920, 304.199
Yxy	18.9740, 0.2346, 0.1724
Android (android.graphics.Color)	4286670549 (0xFF8166D5)
YUV	122.7270, 44.5046, 5.5014
Hunter-Lab	43.5591, 29.5578, -58.3264

Details

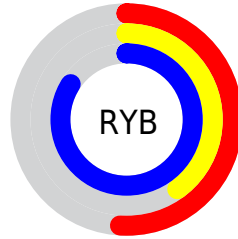
The Hex color **8166D5** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **BAD566**, and the grayscale version is **7A7A7A**.

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 **7151D5**, and if you desaturate by 10%, it is **917BD5**.

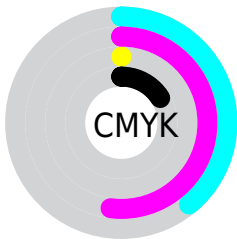
Distribution



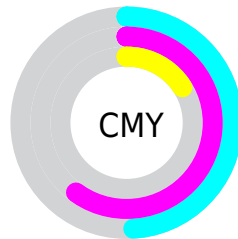
- Red (51%)
- Green (40%)
- Blue (84%)



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



- Cyan (39%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 8166D5 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 8166D5 by changing the saturation by 10% instead.

 8166D5

 8166D5

FFFFFF

 654EB9

 BA9AFF

 49369E

 D7B5FF

 2B1F83

 F4D0FF

 000969

 FFEDFF

 000050

 000538

 000222

 000008

 000000

8166D5

8166D5

7151D5

917BD5

613BD5

A191D5

5126D5

B1A6D5

4111D5

C1BBD5

3400D5

D2D1D5

E2E6D5

F2FBD5

FFFFD5

Harmonies

Analogous

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



007DE8



8166D5



C04AAA

Triad

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



8166D5



B66302



00917F

Complementary

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



8166D5



BAD566

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



8166D5



8A7900

Square

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



8166D5



D3493E



518703



0091B6

Rectangle

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



8166D5



D43C86



518703



00916C

Sweetspot

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



8166D5



E0D6FF



66BBD5



6D6780



000000



808080

Same Dimension

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



8166D5



855EFF



B766D5



63606B



2A00AB



0B002B

Inverse Universe

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



D566BA



FF5ED8



84D566



6B6068



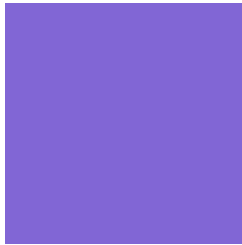
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 8166D5 looks on a white background.

Color Contrast Check

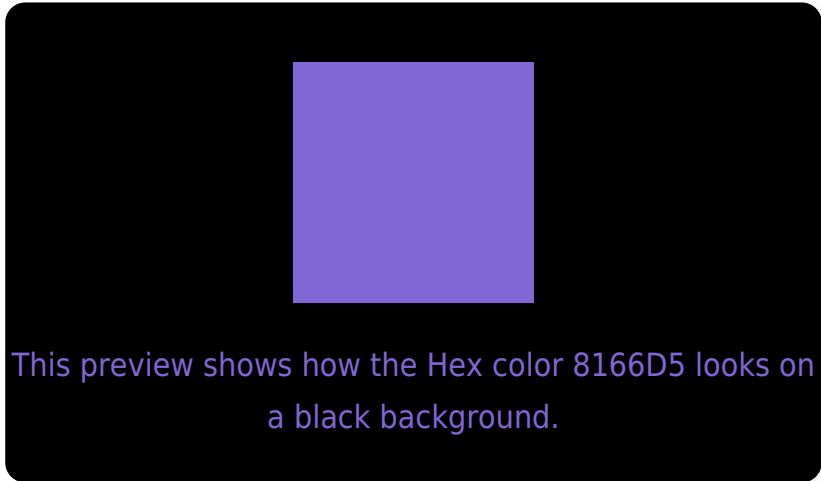
Large Text (above 18pt) WCAG AA ✓ Pass

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 8166D5 Background



This preview shows how black text looks on a background with the Hex color 8166D5.

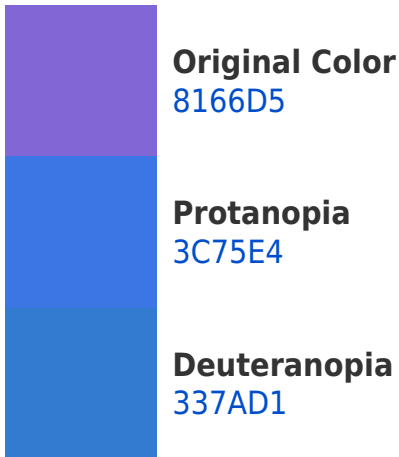


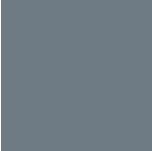
This preview shows how white text looks on a background with the Hex color 8166D5.

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



Original Color
8166D5

Protanomaly
5570DF

Deuteranomaly
4F73D2

Tritanomaly
7573A1

Monochromacy



Original Color
8166D5

Achromatopsia
7B7B7B

Achromatomaly
7D739C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8166D5 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 #8166D5 looks like.

```
.text, #text, p{  
    color:#8166D5  
}
```

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 #8166D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8166D5
}
```

Border

The CSS property to change the border of an element to Hex 8166D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

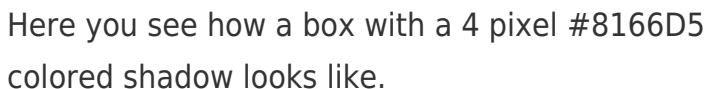
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8166D5 }
```

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

```
.border{ border-color:#8166D5 }
```

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



Here you see how a box with a 4 pixel #8166D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8166D5; -webkit-box-shadow:4px 4px  
4px 4px #8166D5; box-shadow:4px 4px 4px  
4px #8166D5 }
```

Background

The CSS property to change the background color of an element to Hex 8166D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8166D5 }
```

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

```
.background{ background-color:#8166D5 }
```

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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