

Converting Colors

Hex(8180D5)

Have a look what the booklet for
Hex(8180D5) contains.

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Color

Hex(8180D5)

Conversions

Conversions Part 1

Format	Color
Hex	8180D5
RGB	129, 128, 213
RGB Percent	51%, 50%, 84%
CMY	0.4941, 0.4980, 0.1647
CMYK	0.39, 0.40, 0.00, 0.16
HSL	241°, 50%, 67%
HSV	241°, 40%, 84%
XYZ	28.7827, 24.9096, 66.2418
YIQ	137.9890, -26.6890, 26.6470

Conversions

Conversions Part 2

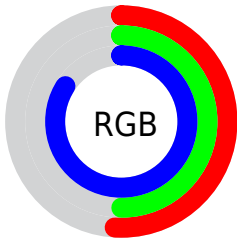
Format	Color
R_{YB}	129, 128, 213
Decimal	8487125
CIE _{Lab}	56.99, 21.16, -43.63
CIE _{LCh}	57, 48.490, 295.878
Yxy	24.9096, 0.2400, 0.2077
Android (android.graphics.Color)	4286677205 (0xFF8180D5)
YUV	137.9890, 36.9804, -7.8834
Hunter-Lab	49.9095, 15.5989, -43.7554

Details

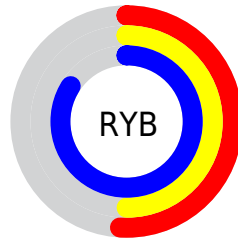
The Hex color **8180D5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D4D580**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B9B5FF**, and **4B4F9E** is the 20% darker color. If you saturate the color by 10%, you get **6C6BD5**, and if you desaturate by 10%, it is **9695D5**.

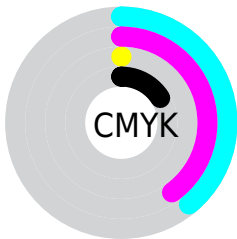
Distribution



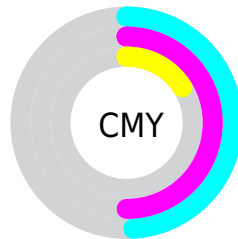
- Red (51%)
- Green (50%)
- Blue (84%)



- Red (51%)
- Yellow (50%)
- Blue (84%)



- Cyan (39%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8180D5 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 8180D5 by changing the saturation by 10% instead.

8180D5

8180D5

FFFFFF

6667B9

B9B5FF

4B4F9E

D5D0FF

2E3883

F3EDFF

0A236A

000F51

000039

000223

00000A

000000

 8180D5

 8180D5

 6C6BD5

 9695D5

 5755D5

 ABABD5

 4240D5

 C0C0D5

 2D2BD5

 D5D5D5

 1815D5

 EAEBD5

 0300D5

 FFFFD5

Harmonies

Analogous

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



018FDD



8180D5



B76FB9

Triad

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



8180D5



C57543



009D81

Complementary

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



8180D5



D4D580

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.



469957



8180D5



A58530

Square

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



8180D5



D66766



7C9138



009DAC

Rectangle

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



8180D5



CC669F



7C9138



009C73

Sweetspot

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



8180D5



E1E0FF



80D5D5



6E6E80



000000



808080

Same Dimension

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



8180D5



8685FF



AB80D5



61606B



0200AB



01002B

Inverse Universe

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



D580D4



FF85FE



ABD580



6B606B



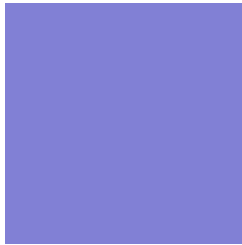
AB00A9



2B002B

Previews

White Background



This preview shows how the Hex color 8180D5 looks on a white background.

Color Contrast Check

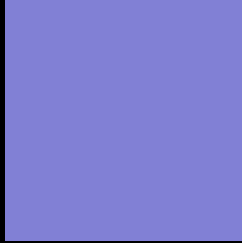
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8180D5 looks on a 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 8180D5 Background



This preview shows how black text looks on a background with the Hex color 8180D5.

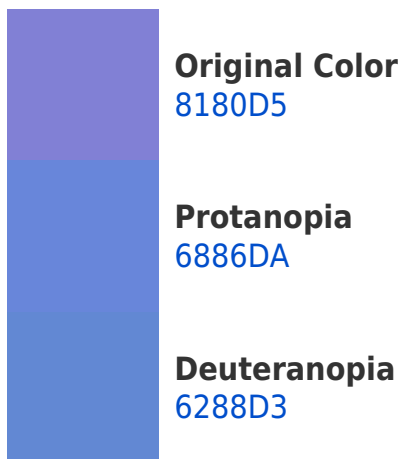


This preview shows how white text looks on a background with the Hex color 8180D5.

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](#).

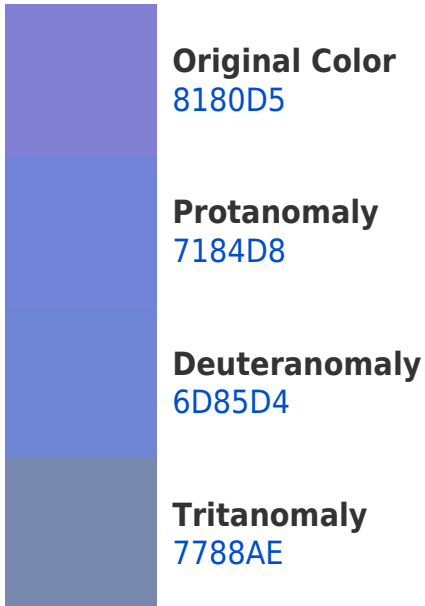
Dichromacy



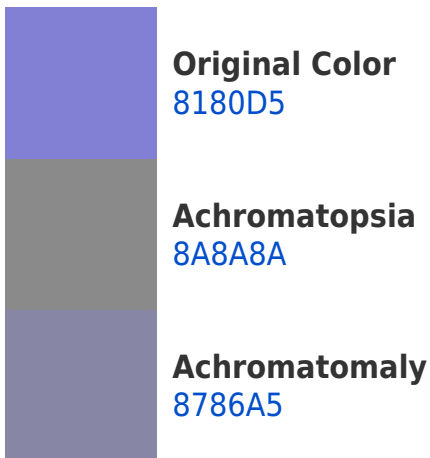


Tritanopia
728D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8180D5 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 #8180D5 looks like.

```
.text, #text, p{  
    color:#8180D5  
}
```

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 #8180D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8180D5
}
```

Border

The CSS property to change the border of an element to Hex 8180D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

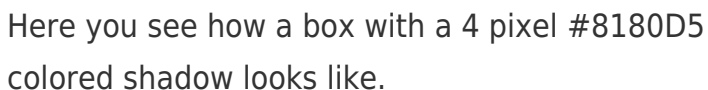
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8180D5 }
```

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

```
.border{ border-color:#8180D5 }
```

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



Here you see how a box with a 4 pixel #8180D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8180D5; -webkit-box-shadow:4px 4px  
4px 4px #8180D5; box-shadow:4px 4px 4px  
4px #8180D5 }
```

Background

The CSS property to change the background color of an element to Hex 8180D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8180D5 }
```

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

```
.background{ background-color:#8180D5 }
```

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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