

Converting Colors

Hex(8180D2)

Have a look what the booklet for
Hex(8180D2) contains.

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Color

Hex(8180D2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8180D2 |
| RGB | 129, 128, 210 |
| RGB Percent | 51%, 50%, 82% |
| CMY | 0.4941, 0.4980, 0.1765 |
| CMYK | 0.39, 0.39, 0.00, 0.18 |
| HSL | 241°, 48%, 66% |
| HSV | 241°, 39%, 82% |
| XYZ | 28.4053, 24.7586, 64.2545 |
| YIQ | 137.6470, -25.7260, 25.7140 |

Conversions

Conversions Part 2

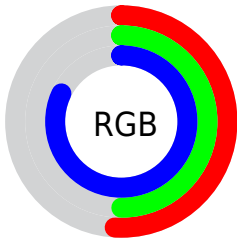
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 129, 128, 210 |
| Decimal | 8487122 |
| CIE Lab | 56.84, 20.33, -42.17 |
| CIE LCh | 57, 46.814, 295.735 |
| Yxy | 24.7586, 0.2419, 0.2109 |
| Android (android.graphics.Color) | 4286677202 (0xFF8180D2) |
| YUV | 137.6470, 35.6700, -7.5834 |
| Hunter-Lab | 49.7580, 14.8235, -41.7329 |

Details

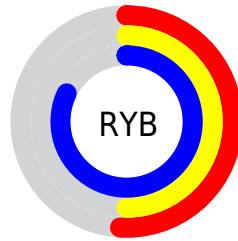
The Hex color **8180D2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D1D280**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B9B5FF**, and **4B4F9B** is the 20% darker color. If you saturate the color by 10%, you get **6C6BD2**, and if you desaturate by 10%, it is **9695D2**.

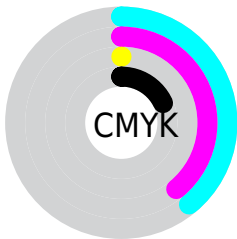
Distribution



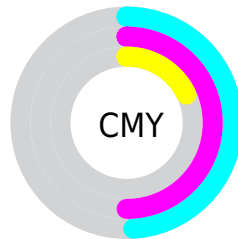
- Red (51%)
- Green (50%)
- Blue (82%)



- Red (51%)
- Yellow (50%)
- Blue (82%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8180D2 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 8180D2 by changing the saturation by 10% instead.

8180D2

8180D2

FFFFFF

6667B6

B9B5FF

4B4F9B

D5D0FF

2F3881

F2EDFF

0E2367

000F4F

000037

000221

000005

000000

8180D2

8180D2

6C6BD2

9695D2

5856D2

AAAAD2

4341D2

BFBFD2

2E2CD2

D4D4D2

1917D2

E9E9D2

0502D2

FD FED2

0300D2

FFFFD2

Harmonies

Analogous

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



198FDA



8180D2



B570B7

Triad

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



8180D2



C37546



009C81

Complementary

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



8180D2



D1D280

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.



499959



8180D2



A58433

Square

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



8180D2



D36867



7D913B



009CAB

Rectangle

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



8180D2



CA689E



7D913B



009B73

Sweetspot

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



8180D2



E1E0FF



80D2D2



6E6E80



000000



808080

Same Dimension

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



8180D2



8987FF



A980D2



5E5E69



0200A8



000029

Inverse Universe

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



D280D1



FF87FE



A9D280



695E68



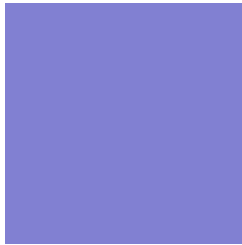
A800A6



290028

Previews

White Background



This preview shows how the Hex color 8180D2 looks on a white background.

Color Contrast Check

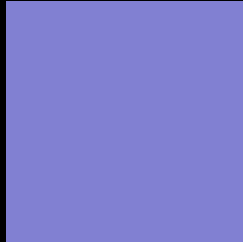
Large Text (above 18pt) WCAG AA ✓ Pass

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 8180D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

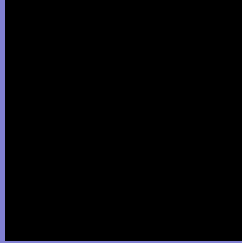
Any Text WCAG AA ✓ Pass

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 8180D2 Background



This preview shows how black text looks on a background with the Hex color 8180D2.

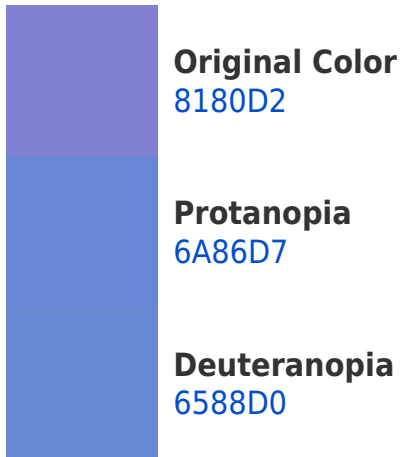


This preview shows how white text looks on a background with the Hex color 8180D2.

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](#).

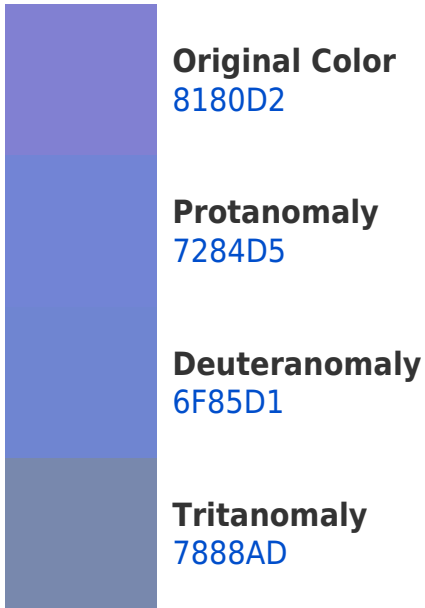
Dichromacy



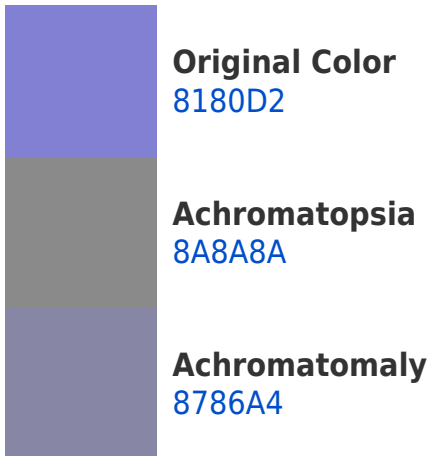


Tritanopia
738C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8180D2 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 #8180D2 looks like.

```
.text, #text, p{  
    color:#8180D2  
}
```

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 #8180D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8180D2
}
```

Border

The CSS property to change the border of an element to Hex 8180D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

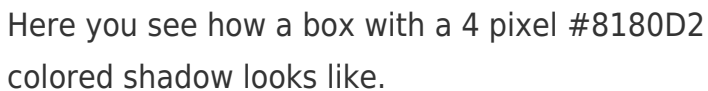
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8180D2 }
```

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

```
.border{ border-color:#8180D2 }
```

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



Here you see how a box with a 4 pixel #8180D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8180D2; -webkit-box-shadow:4px 4px  
4px 4px #8180D2; box-shadow:4px 4px 4px  
4px #8180D2 }
```

Background

The CSS property to change the background color of an element to Hex 8180D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8180D2 }
```

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

```
.background{ background-color:#8180D2 }
```

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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