

Converting Colors

Hex(8178B4)

Have a look what the booklet for
Hex(8178B4) contains.

Hex(8178B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8178B4)

Conversions

Conversions Part 1

Format	Color
Hex	8178B4
RGB	129, 120, 180
RGB Percent	51%, 47%, 71%
CMY	0.4941, 0.5294, 0.2941
CMYK	0.28, 0.33, 0.00, 0.29
HSL	249°, 29%, 59%
HSV	249°, 33%, 71%
XYZ	24.0080, 21.3954, 46.0444
YIQ	129.5310, -13.8960, 20.5680

Conversions

Conversions Part 2

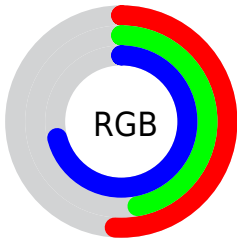
Format	Color
R_{YB}	129, 120, 180
Decimal	8485044
CIE _{Lab}	53.38, 17.01, -30.50
CIE _{LCh}	53, 34.924, 299.156
Yxy	21.3954, 0.2625, 0.2340
Android (android.graphics.Color)	4286675124 (0xFF8178B4)
YUV	129.5310, 24.8812, -0.4657
Hunter-Lab	46.2551, 11.7010, -26.6413

Details

The Hex color **8178B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABB478**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B7ACEC**, and **4E487F** is the 20% darker color. If you saturate the color by 10%, you get **7266B4**, and if you desaturate by 10%, it is **908AB4**.

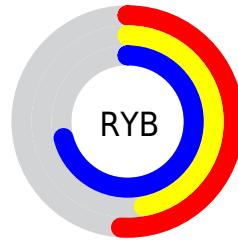
Distribution



Red (51%)

Green (47%)

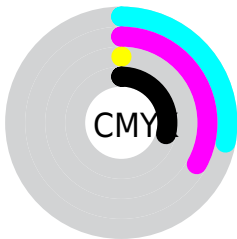
Blue (71%)



Red (51%)

Yellow (47%)

Blue (71%)

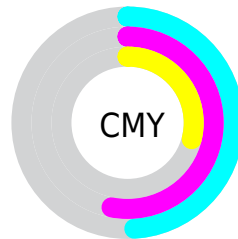


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8178B4 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 8178B4 by changing the saturation by 10% instead.

8178B4

8178B4

FFFFFF

675F99

B7ACEC

4E487F

D3C8FF

353166

F0E4FF

1C1C4D

050336

000220

000004

000000

8178B4

8178B4

7266B4

908AB4

6254B4

A09CB4

5342B4

AFAEB4

4430B4

BEC0B4

351EB4

CED2B4

250CB4

DDE4B4

1B00B4

ECF6B4

FBFFB4

FFFFB4

Harmonies

Analogous

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



4E83BB



8178B4



A46D9F

Triad

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



8178B4



AB734D



1A8F7E

Complementary

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



8178B4



ABB478

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.



508C60



8178B4



937D42

Square

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



8178B4



B86A64



74864A



008F9C

Rectangle

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



8178B4



B2688C



74864A



318F73

Sweetspot

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



8178B4



D7D3EB



78ABB4



696775



F5F5F5



757575

Same Dimension

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



8178B4



9B8DEB



9F78B4



525059



170099



04001A

Inverse Universe

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



B478AB



EB8DDD



8DB478



595058



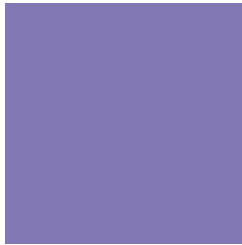
990082



1A0016

Previews

White Background



This preview shows how the Hex color 8178B4 looks on a white background.

Color Contrast Check

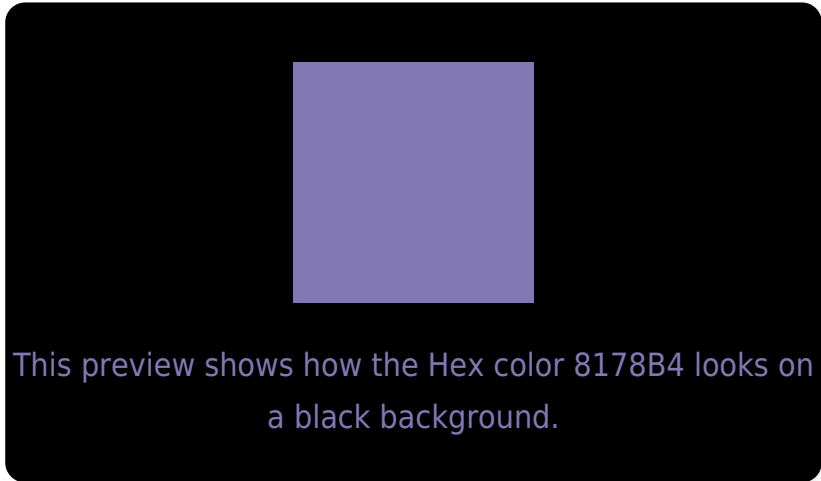
Large Text (above 18pt) WCAG AA ✓ Pass

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

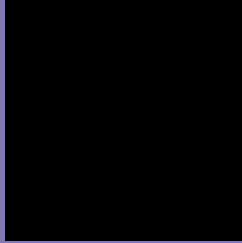
Any Text WCAG AA ✓ Pass

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 8178B4 Background



This preview shows how black text looks on a background with the Hex color 8178B4.

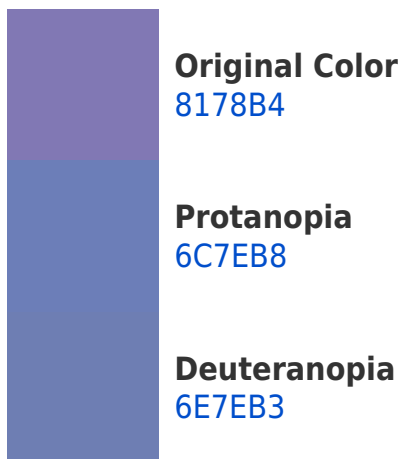


This preview shows how white text looks on a background with the Hex color 8178B4.

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
79808A

Trichromacy



Original Color
8178B4

Protanomaly
747CB7

Deuteranomaly
757CB3

Tritanomaly
7C7D99

Monochromacy



Original Color
8178B4

Achromatopsia
828282

Achromatomaly
827E94

CSS Examples

Text

The CSS property to change the color of the text to Hex 8178B4 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 #8178B4 looks like.

```
.text, #text, p{  
    color:#8178B4  
}
```

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 #8178B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8178B4
}
```

Border

The CSS property to change the border of an element to Hex 8178B4 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
#8178B4 }
```

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

```
.border{ border-color:#8178B4 }
```

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

Here you see how a box with a 4 pixel #8178B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8178B4; -webkit-box-shadow:4px 4px  
4px 4px #8178B4; box-shadow:4px 4px 4px  
4px #8178B4 }
```

Background

The CSS property to change the background color of an element to Hex 8178B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8178B4 }
```

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

```
.background{ background-color:#8178B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor