

Converting Colors

Hex(8C1787)

Have a look what the booklet for
Hex(8C1787) contains.

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Color

Hex(8C1787)

Conversions

Conversions Part 1

Format	Color
Hex	8C1787
RGB	140, 23, 135
RGB Percent	55%, 9%, 53%
CMY	0.4510, 0.9098, 0.4706
CMYK	0.00, 0.84, 0.04, 0.45
HSL	303°, 72%, 32%
HSV	303°, 84%, 55%
XYZ	15.4948, 7.9375, 23.6371
YIQ	70.7510, 33.7800, 59.6360

Conversions

Conversions Part 2

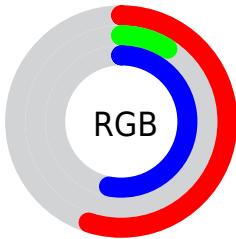
Format	Color
R_{YB}	140, 23, 135
Decimal	9181063
CIE _{Lab}	33.85, 58.26, -34.25
CIE _{LCh}	34, 67.580, 329.550
Yxy	7.9375, 0.3292, 0.1686
Android (android.graphics.Color)	4287371143 (0xFF8C1787)
YUV	70.7510, 31.6748, 60.7314
Hunter-Lab	28.1736, 48.8669, -30.0217

Details

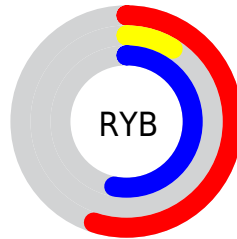
The Hex color **8C1787** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **178C1C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C554BD**, and **560055** is the 20% darker color. If you saturate the color by 10%, you get **8C0986**, and if you desaturate by 10%, it is **8C2588**.

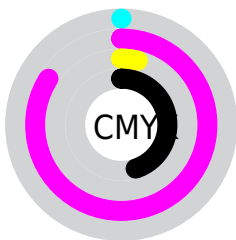
Distribution



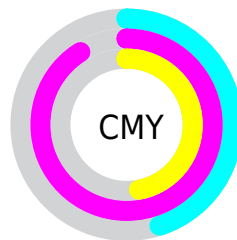
- Red (55%)
- Green (9%)
- Blue (53%)



- Red (55%)
- Yellow (9%)
- Blue (53%)



- Cyan (0%)
- Magenta (84%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C1787 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 8C1787 by changing the saturation by 10% instead.

8C1787

8C1787

FFFFFF

70006D

C554BD

560055

E26FD9

3C003D

FF8BF5

220026

FFA7FF

00010F

FFC3FF

000000

FFE0FF

FFFEFF

8C1787

8C1787

■ 8C0986

■ 8C2588

■ 8C0086

■ 8C3388

■ 8C4189

■ 8C4F89

■ 8C5D8A

■ 8C6B8B

■ 8C798B

■ 8C878C

■ 8C958C

Harmonies

Analogous

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



3F41AF



8C1787



A80053

Triad

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



8C1787



634E00



006584

Complementary

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



8C1787



178C1C

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.



00654D



8C1787



2C5B00

Square

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



8C1787



8B3500



006210



0062AD

Rectangle

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



8C1787



A80030



006210



006572

Sweetspot

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



8C1787



B588B3



1B178C



5C405B



DBDBDB



5C5C5C

Same Dimension

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



8C1787



B500AD



8C174E



453E45



85007F



050005

Inverse Universe

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



8C1787



B500AD



178C55



453E45



85007F



050005

Previews

White Background



This preview shows how the Hex color 8C1787 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

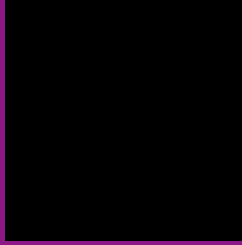
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8C1787 Background



This preview shows how black text looks on a background with the Hex color 8C1787.

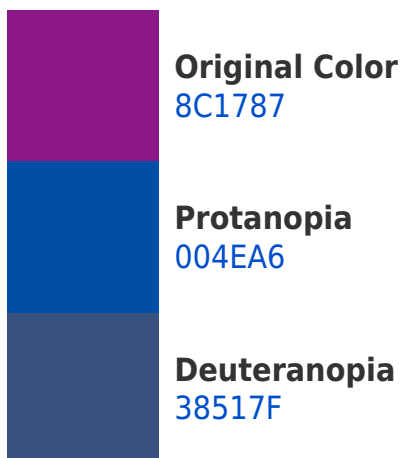



This preview shows how white text looks on a background with the Hex color 8C1787.

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
84383C

Trichromacy



Original Color
8C1787



Protanomaly
333A9B



Deuteranomaly
573C82



Tritanomaly
872C57

Monochromacy



Original Color
8C1787



Achromatopsia
474747



Achromatomaly
60365E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C1787 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 #8C1787 looks like.

```
.text, #text, p{  
    color:#8C1787  
}
```

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 #8C1787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1787
}
```

Border

The CSS property to change the border of an element to Hex 8C1787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

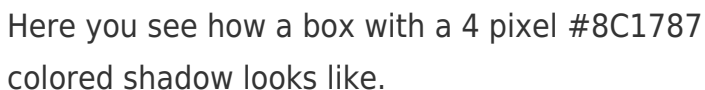
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C1787 }
```

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

```
.border{ border-color:#8C1787 }
```

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



Here you see how a box with a 4 pixel #8C1787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1787; -webkit-box-shadow:4px 4px  
4px 4px #8C1787; box-shadow:4px 4px 4px  
4px #8C1787 }
```

Background

The CSS property to change the background color of an element to Hex 8C1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1787 }
```

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

```
.background{ background-color:#8C1787 }
```

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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