

# Converting Colors

Hex(8B1791)

Have a look what the booklet for  
Hex(8B1791) contains.

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**Color**

**Hex(8B1791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B1791
RGB	139, 23, 145
RGB Percent	55%, 9%, 57%
CMY	0.4549, 0.9098, 0.4314
CMYK	0.04, 0.84, 0.00, 0.43
HSL	297°, 73%, 33%
HSV	297°, 84%, 57%
XYZ	16.0647, 8.1461, 27.5137
YIQ	71.5920, 29.9740, 62.5340

# Conversions

## Conversions Part 2

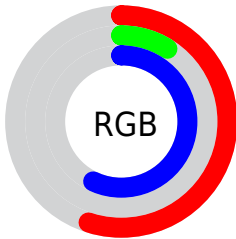
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 23, 145</a>
Decimal	<a href="#">9115537</a>
CIELab	<a href="#">34.29, 59.70, -39.74</a>
CIElCh	<a href="#">34, 71.721, 326.348</a>
Yxy	<a href="#">8.1461, 0.3106, 0.1575</a>
Android (android.graphics.Color)	<a href="#">4287305617 (0xFF8B1791)</a>
YUV	<a href="#">71.5920, 36.1901, 59.1168</a>
Hunter-Lab	<a href="#">28.5414, 50.5225, -37.1763</a>

# Details

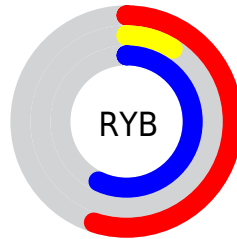
The Hex color **8B1791** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1D9117**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C454C8**, and **54005E** is the 20% darker color. If you saturate the color by 10%, you get **8A0991**, and if you desaturate by 10%, it is **8C2591**.

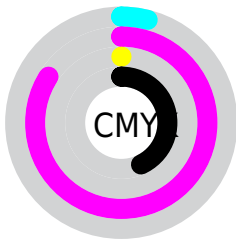
# Distribution



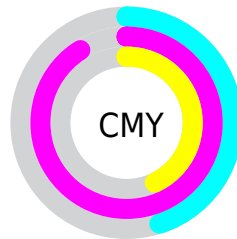
- Red (55%)
- Green (9%)
- Blue (57%)



- Red (55%)
- Yellow (9%)
- Blue (57%)



- Cyan (4%)
- Magenta (84%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (91%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B1791 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 8B1791 by changing the saturation by 10% instead.



 8B1791

 8B1791

FFFFFF

 6F0077

 C454C8

 54005E

 E170E4

 3A0046

 FF8CFF

 21002E

 FFA8FF

 000118

 FFC4FF

 000000

 FFE1FF

 FFFEFF

 8B1791

 8B1791

 8A0991

 8C2591

 8A0091

 8C3491

 8D4291

 8E5191

 8F6091

 8F6E91

 907C91

 918B91

 919A91

# Harmonies

## Analogous

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



2645B9



8B1791



AC005A

# Triad

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



8B1791



694C00



006782

# Complementary

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



8B1791



1D9117

# 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.



006648



8B1791



315C00

# Square

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



8B1791



932F00



006300



0065B1

# Rectangle

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



8B1791



AF0035



006300



00676F



# Sweetspot

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



8B1791



BA8EBD



171D91



5D425E



DEDEDE



5E5E5E



# Same Dimension

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



8B1791



B300BD



91175A



474047



810087



070008



# Inverse Universe

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



91171D



BD0009



17914E



474041



870007



080000



# Previews

## White Background



This preview shows how the Hex color 8B1791 looks on a white background.

## Color Contrast Check

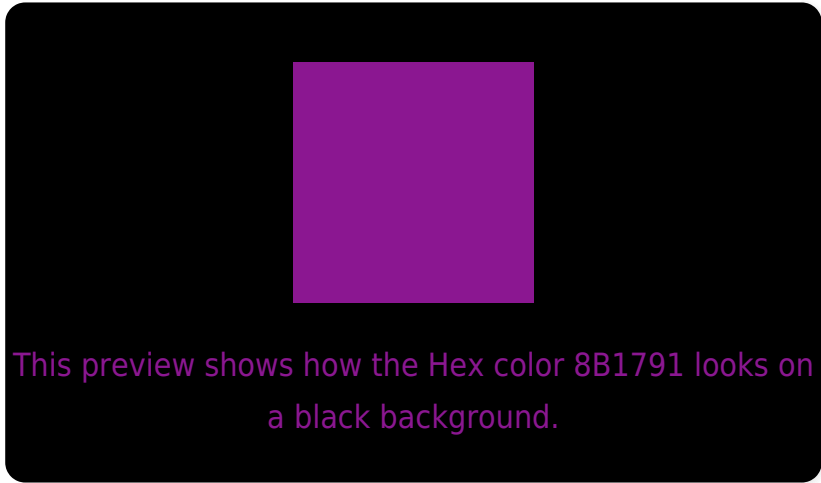
Large Text (above 18pt) WCAG AA ✓ Pass

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

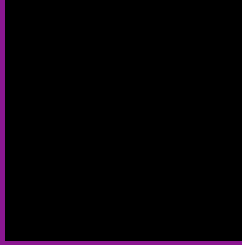
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B1791 Background



This preview shows how black text looks on a background with the Hex color 8B1791.

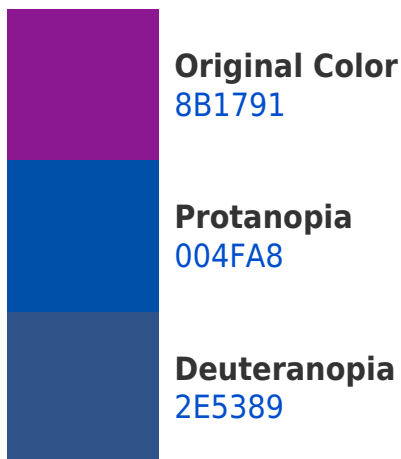



This preview shows how white text looks on a background with the Hex color 8B1791.

# 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**  
823C40

# Trichromacy



**Original Color**  
8B1791



**Protanomaly**  
333BA0



**Deuteranomaly**  
503D8C



**Tritanomaly**  
852F5D

# Monochromacy



**Original Color**  
8B1791



**Achromatopsia**  
484848



**Achromatomaly**  
603663

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B1791 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 #8B1791 looks like.

```
.text, #text, p{  
    color:#8B1791  
}
```

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 #8B1791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1791
}
```

## Border

The CSS property to change the border of an element to Hex 8B1791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

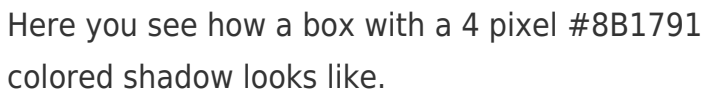
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B1791 }
```

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

```
.border{ border-color:#8B1791 }
```

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



Here you see how a box with a 4 pixel #8B1791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1791; -webkit-box-shadow:4px 4px  
4px 4px #8B1791; box-shadow:4px 4px 4px  
4px #8B1791 }
```

# Background

The CSS property to change the background color of an element to Hex 8B1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1791 }
```

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

```
.background{ background-color:#8B1791 }
```

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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