

# Converting Colors

Hex(782197)

Have a look what the booklet for  
Hex(782197) contains.

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**Color**

**Hex(782197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782197
RGB	120, 33, 151
RGB Percent	47%, 13%, 59%
CMY	0.5294, 0.8706, 0.4078
CMYK	0.21, 0.78, 0.00, 0.41
HSL	284°, 64%, 36%
HSV	284°, 78%, 59%
XYZ	13.8755, 7.3151, 29.9588
YIQ	72.4650, 13.9740, 55.1420

# Conversions

## Conversions Part 2

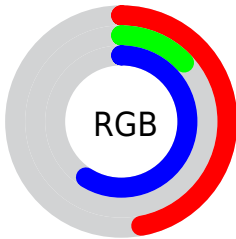
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 33, 151
Decimal	7872919
CIE <sub>Lab</sub>	32.51, 54.16, -46.44
CIE <sub>LCh</sub>	33, 71.344, 319.391
Yxy	7.3151, 0.2713, 0.1430
Android (android.graphics.Color)	4286062999 (0xFF782197)
YUV	72.4650, 38.7178, 41.6882
Hunter-Lab	27.0465, 44.2432, -46.7416

# Details

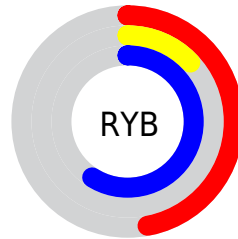
The Hex color **782197** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **409721**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B058CE**, and **420063** is the 20% darker color. If you saturate the color by 10%, you get **741297**, and if you desaturate by 10%, it is **7C3097**.

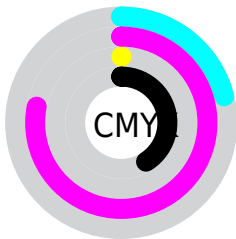
# Distribution



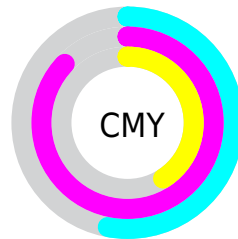
- Red (47%)
- Green (13%)
- Blue (59%)



- Red (47%)
- Yellow (13%)
- Blue (59%)



- Cyan (21%)
- Magenta (78%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (87%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 782197 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 782197 by changing the saturation by 10% instead.



782197

782197

FFFFFF

5D007D

B058CE

420063

CC72EB

29004B

EA8EFF

060033

FFA9FF

00021D

FFC5FF

000000

FFE2FF

782197

782197

741297

7C3097

700397

803F97

6F0097

844E97

885D97

8C6D97

907C97

948B97

989A97

9CA997

# Harmonies

## Analogous

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



0047B9



782197



A20063

# Triad

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



782197



6F4300



006271

# Complementary

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



782197



409721

# 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.



006136



782197



3C5500

# Square

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



782197



942000



005D00



0061A2

# Rectangle

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



782197



AA003E



005D00



00625D



# Sweetspot

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



782197



B897C4



214097



5C4863



E3E3E3



636363



# Same Dimension

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



782197



940CC4



97217B



4A454D



67008C



09000D



# Inverse Universe

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



972140



C40C3C



21973D



4D4547



8C0025



0D0003



# Previews

## White Background



This preview shows how the Hex color 782197 looks on a white background.

## Color Contrast Check

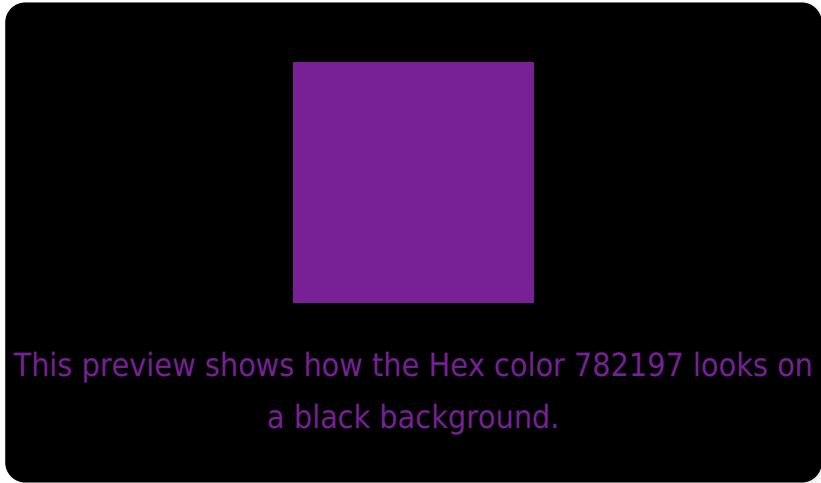
Large Text (above 18pt) WCAG AA ✓ Pass

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 782197 Background



This preview shows how black text looks on a background with the Hex color 782197.



This preview shows how white text looks on a background with the Hex color 782197.

# 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



# Trichromacy



**Original Color**  
782197

**Protanomaly**  
2C3C9B

**Tritanomaly**  
703563

# Monochromacy



**Original Color**  
782197

**Achromatopsia**  
484848

**Achromatomaly**  
593A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 782197 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 #782197 looks like.

```
.text, #text, p{  
    color:#782197  
}
```

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 #782197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782197
}
```

## Border

The CSS property to change the border of an element to Hex 782197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

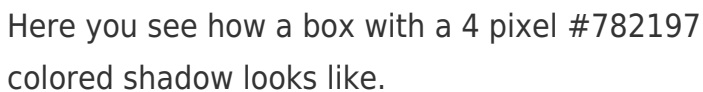
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782197 }
```

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

```
.border{ border-color:#782197 }
```

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



Here you see how a box with a 4 pixel #782197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782197; -webkit-box-shadow:4px 4px  
4px 4px #782197; box-shadow:4px 4px 4px  
4px #782197 }
```

# Background

The CSS property to change the background color of an element to Hex 782197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782197 }
```

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

```
.background{ background-color:#782197 }
```

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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