

# Converting Colors

Hex(64147B)

Have a look what the booklet for  
Hex(64147B) contains.

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# Color

**Hex(64147B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64147B
RGB	100, 20, 123
RGB Percent	39%, 8%, 48%
CMY	0.6078, 0.9216, 0.5176
CMYK	0.19, 0.84, 0.00, 0.52
HSL	287°, 72%, 28%
HSV	287°, 84%, 48%
XYZ	9.0808, 4.6397, 19.1558
YIQ	55.6620, 14.6170, 48.9930

# Conversions

## Conversions Part 2

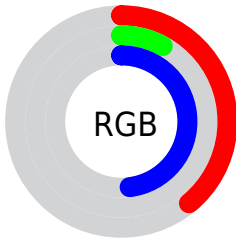
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 20, 123
Decimal	6558843
CIE <sub>Lab</sub>	25.68, 48.91, -40.20
CIE <sub>LCh</sub>	26, 63.311, 320.583
Yxy	4.6397, 0.2762, 0.1411
Android (android.graphics.Color)	4284748923 (0xFF64147B)
YUV	55.6620, 33.1976, 38.8844
Hunter-Lab	21.5400, 37.5573, -37.6496

# Details

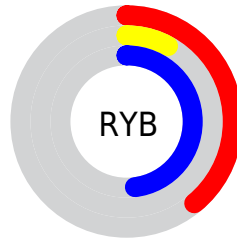
The Hex color **64147B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B7B14**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **9A4BB0**, and **300049** is the 20% darker color. If you saturate the color by 10%, you get **61087B**, and if you desaturate by 10%, it is **67207B**.

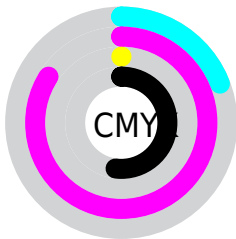
# Distribution



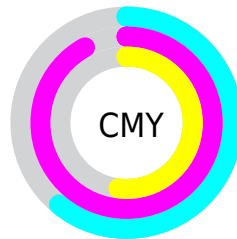
- Red (39%)
- Green (8%)
- Blue (48%)



- Red (39%)
- Yellow (8%)
- Blue (48%)



- Cyan (19%)
- Magenta (84%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (92%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64147B 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 64147B by changing the saturation by 10% instead.



64147B

64147B

FFFFFF

4A0062

9A4BB0

300049

B665CC

180032

D37FE8

00011C

F09AFF

000000

FFB6FF

FFD2FF

FFEEFF

64147B

64147B

■ 61087B

■ 67207B

■ 60007B

■ 692D7B

■ 6C397B

■ 6F457B

■ 72527B

■ 745E7B

■ 776A7B

■ 7A767B

■ 7D837B

# Harmonies

## Analogous

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



003899



64147B



87004E

# Triad

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



64147B



583600



004F5E

# Complementary

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



64147B



2B7B14

# 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.



004E2C



64147B



2C4400

# Square

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



64147B



791700



004B00



004E88

# Rectangle

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



64147B



8C002F



004B00



004F4D



# Sweetspot

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



64147B



9878A1



142C7B



4C3952



D1D1D1



525252



# Same Dimension

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



64147B



7D00A1



7B1460



3C373D



61007D



C400FC



# Inverse Universe

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



7B142B



A10024



147B2F



3D3738



7D001C



FC0038



# Previews

## White Background



This preview shows how the Hex color 64147B looks on a white background.

## Color Contrast Check

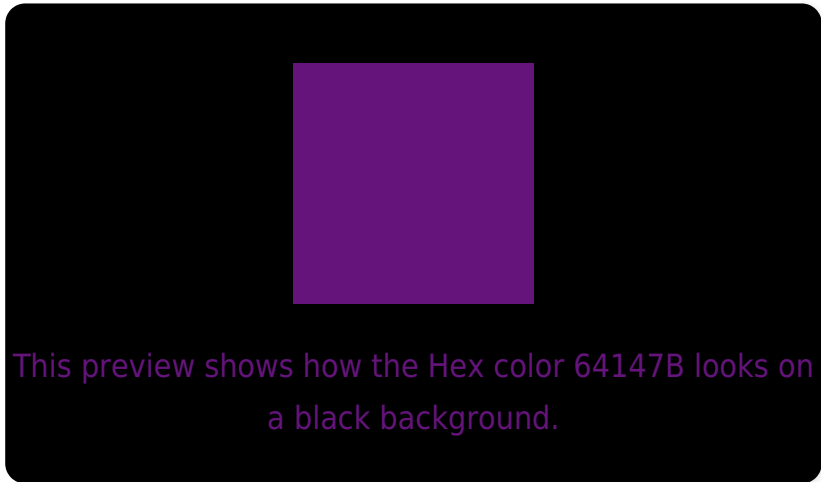
Large Text (above 18pt) WCAG AA ✓ Pass

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

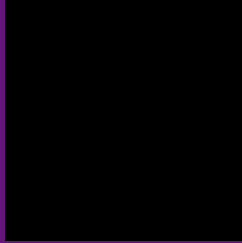
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64147B Background



This preview shows how black text looks on a background with the Hex color 64147B.

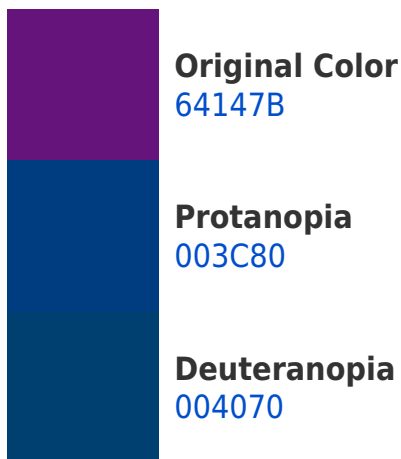



This preview shows how white text looks on a background with the Hex color 64147B.

# 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**  
5A3336

# Trichromacy



**Original Color**  
64147B



**Protanomaly**  
242D7E



**Deuteranomaly**  
243074



**Tritanomaly**  
5E284F

# Monochromacy



**Original Color**  
64147B



**Achromatopsia**  
383838



**Achromatomaly**  
482B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64147B 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 #64147B looks like.

```
.text, #text, p{  
    color:#64147B  
}
```

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 #64147B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64147B
}
```

## Border

The CSS property to change the border of an element to Hex 64147B is called "border". The border property can be set on classes, ids or directly on the HTML element.

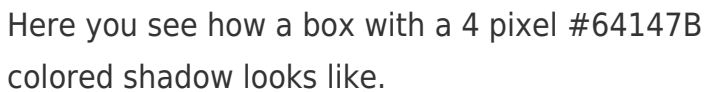
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64147B }
```

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

```
.border{ border-color:#64147B }
```

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



Here you see how a box with a 4 pixel #64147B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64147B; -webkit-box-shadow:4px 4px  
4px 4px #64147B; box-shadow:4px 4px 4px  
4px #64147B }
```

# Background

The CSS property to change the background color of an element to Hex 64147B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64147B }
```

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

```
.background{ background-color:#64147B }
```

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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