

# Converting Colors

Hex(783675)

Have a look what the booklet for  
Hex(783675) contains.

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# Color

**Hex(783675)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	783675
RGB	120, 54, 117
RGB Percent	47%, 21%, 46%
CMY	0.5294, 0.7882, 0.5412
CMYK	0.00, 0.55, 0.03, 0.53
HSL	303°, 38%, 34%
HSV	303°, 55%, 47%
XYZ	12.2758, 7.9158, 17.7105
YIQ	80.9160, 19.1130, 33.5850

# Conversions

## Conversions Part 2

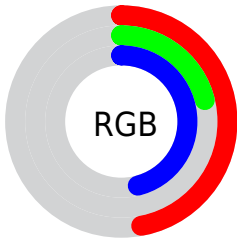
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 54, 117
Decimal	7878261
CIE <sub>Lab</sub>	33.81, 38.06, -23.30
CIE <sub>LCh</sub>	34, 44.622, 328.522
Yxy	7.9158, 0.3239, 0.2088
Android (android.graphics.Color)	4286068341 (0xFF783675)
YUV	80.9160, 17.7894, 34.2767
Hunter-Lab	28.1350, 28.6465, -17.6276

# Details

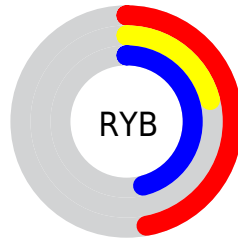
The Hex color **783675** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **367839**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AE68A9**, and **450144** is the 20% darker color. If you saturate the color by 10%, you get **782A74**, and if you desaturate by 10%, it is **784276**.

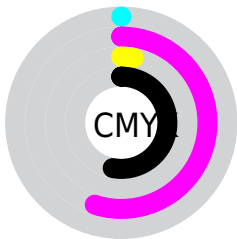
# Distribution



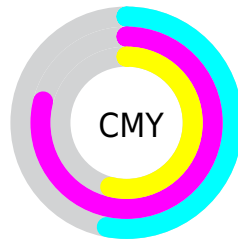
- Red (47%)
- Green (21%)
- Blue (46%)



- Red (47%)
- Yellow (21%)
- Blue (46%)



- Cyan (0%)
- Magenta (55%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (79%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 783675 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 783675 by changing the saturation by 10% instead.



 783675

 783675

FFFFFF

 5E1D5C

 AE68A9

 450144

 CA82C5

 2E002E

 E79DE1

 0F0019

 FFB8FD

 000000

 FFD4FF

 FFF1FF

 783675

 783675

 782A74

 784276

781E74

784E76

781273

785A77

780673

786677

780073

787278

787E78

788A79

789679

78A27A

# Harmonies

## Analogous

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



4A478E



783675



8C2B53

# Triad

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



783675



624D00



005F70

# Complementary

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



783675



367839

# 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.



005F4D



783675



3F5705

# Square

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



783675



7C3F10



005D28



005C8C

# Rectangle

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



783675



8E2C3B



005D28



006065



# Sweetspot

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



783675



9C819A



383678



4F3F4E



CFCFCF



4F4F4F



# Same Dimension

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



783675



9C3597



783655



3D373D



7D0077



FC00F1



# Inverse Universe

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



783675



9C3597



367859



3D373D



7D0077

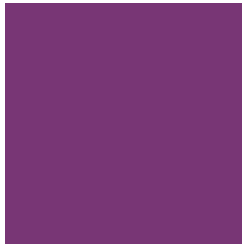


FC00F1



# Previews

## White Background



This preview shows how the Hex color 783675 looks on a white background.

## Color Contrast Check

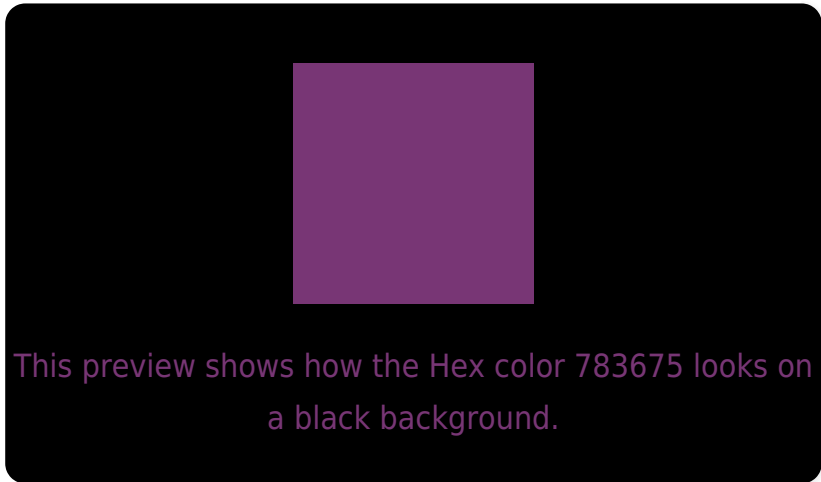
Large Text (above 18pt) WCAG AA ✓ Pass

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

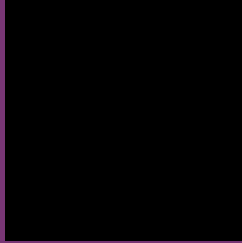
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 783675 Background



This preview shows how black text looks on a background with the Hex color 783675.



This preview shows how white text looks on a background with the Hex color 783675.

# 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



**Original Color**  
783675

**Protanopia**  
364E8A

**Deuteranopia**  
454F71



**Tritanopia**  
734247

# Trichromacy



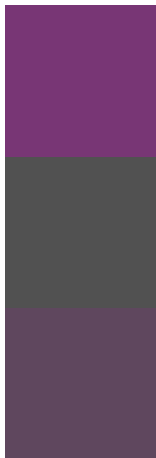
**Original Color**  
783675

**Protanomaly**  
4E4582

**Deuteranomaly**  
584672

**Tritanomaly**  
753E58

# Monochromacy



**Original Color**  
783675

**Achromatopsia**  
515151

**Achromatomaly**  
5F475E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 783675 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 #783675 looks like.

```
.text, #text, p{  
    color:#783675  
}
```

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 #783675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783675
}
```

## Border

The CSS property to change the border of an element to Hex 783675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

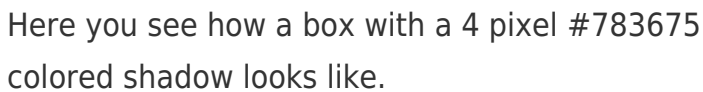
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783675 }
```

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

```
.border{ border-color:#783675 }
```

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



Here you see how a box with a 4 pixel #783675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783675; -webkit-box-shadow:4px 4px  
4px 4px #783675; box-shadow:4px 4px 4px  
4px #783675 }
```

# Background

The CSS property to change the background color of an element to Hex 783675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783675 }
```

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

```
.background{ background-color:#783675 }
```

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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