

# Converting Colors

Hex(782977)

Have a look what the booklet for  
Hex(782977) contains.

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**Color**

**Hex(782977)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782977
RGB	120, 41, 119
RGB Percent	47%, 16%, 47%
CMY	0.5294, 0.8392, 0.5333
CMYK	0.00, 0.66, 0.01, 0.53
HSL	301°, 49%, 32%
HSV	301°, 66%, 47%
XYZ	11.8684, 6.9109, 18.1612
YIQ	73.5130, 22.0460, 41.0060

# Conversions

## Conversions Part 2

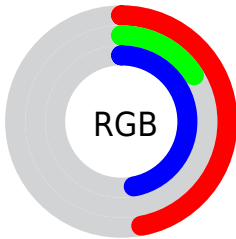
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 41, 119
Decimal	7874935
CIE <sub>Lab</sub>	31.60, 44.73, -28.02
CIE <sub>LCh</sub>	32, 52.778, 327.936
Yxy	6.9109, 0.3213, 0.1871
Android (android.graphics.Color)	4286065015 (0xFF782977)
YUV	73.5130, 22.4251, 40.7691
Hunter-Lab	26.2885, 34.5823, -22.5580

# Details

The Hex color **782977** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29782A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AF5DAC**, and **440046** is the 20% darker color. If you saturate the color by 10%, you get **781D77**, and if you desaturate by 10%, it is **783577**.

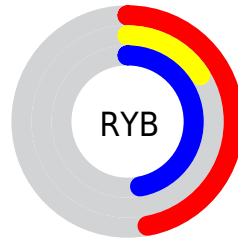
# Distribution



Red (47%)

Green (16%)

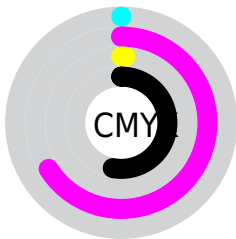
Blue (47%)



Red (47%)

Yellow (16%)

Blue (47%)

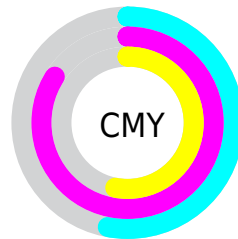


Cyan (0%)

Magenta (66%)

Yellow (1%)

Black (53%)



Cyan (53%)

Magenta (84%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 782977 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 782977 by changing the saturation by 10% instead.



 782977

 782977

FFFFFF

 5E0B5E

 AF5DAC

 440046

 CB77C7

 2E0030

 E892E3

 07001A

 FFADFF

 000000

 FFC9FF

 FFE5FF

 782977

 782977

 781D77

 783577

■ 781177

■ 784177

■ 780577

■ 784D77

■ 780076

■ 785978

■ 786578

■ 787178

■ 787D78

■ 788978

■ 789578

# Harmonies

## Analogous

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



3E4194



782977



8F134F

# Triad

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



782977



5E4800



005C70

# Complementary

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



782977



29782A

# 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.



005C46



782977



355300

# Square

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



782977



7C3600



00591A



005991

# Rectangle

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



782977



911734



00591A



005C63



# Sweetspot

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



782977



9C7C9B



292978



4F3C4F



CFCFCF



4F4F4F



# Same Dimension

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



782977



9C219A



782951



3D373D



7D007B



FC00F9



# Inverse Universe

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



782977



9C219A



297851



3D373D



7D007B



FC00F9



# Previews

## White Background



This preview shows how the Hex color 782977 looks on a white background.

## Color Contrast Check

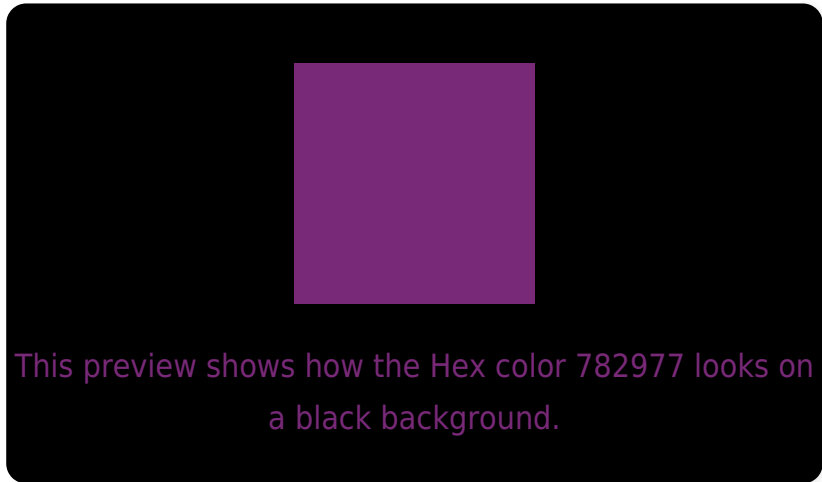
Large Text (above 18pt) WCAG AA ✓ Pass

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

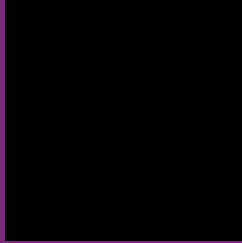
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 782977 Background



This preview shows how black text looks on a background with the Hex color 782977.



This preview shows how white text looks on a background with the Hex color 782977.

# 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**  
723A3F

# Trichromacy



**Original Color**  
782977

**Protanomaly**  
3D3D8A

**Deuteranomaly**  
513F74

**Tritanomaly**  
743453

# Monochromacy



**Original Color**  
782977

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5B3E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 782977 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 #782977 looks like.

```
.text, #text, p{  
    color:#782977  
}
```

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 #782977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782977
}
```

## Border

The CSS property to change the border of an element to Hex 782977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

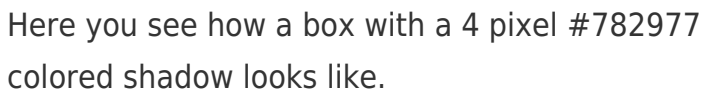
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782977 }
```

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

```
.border{ border-color:#782977 }
```

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



Here you see how a box with a 4 pixel #782977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782977; -webkit-box-shadow:4px 4px  
4px 4px #782977; box-shadow:4px 4px 4px  
4px #782977 }
```

# Background

The CSS property to change the background color of an element to Hex 782977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782977 }
```

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

```
.background{ background-color:#782977 }
```

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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