

# Converting Colors

Hex(782145)

Have a look what the booklet for  
Hex(782145) contains.

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**Color**

**Hex(782145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782145
RGB	120, 33, 69
RGB Percent	47%, 13%, 27%
CMY	0.5294, 0.8706, 0.7294
CMYK	0.00, 0.72, 0.43, 0.53
HSL	335°, 57%, 30%
HSV	335°, 72%, 47%
XYZ	9.3638, 5.5105, 6.2003
YIQ	63.1170, 40.2960, 29.6400

# Conversions

## Conversions Part 2

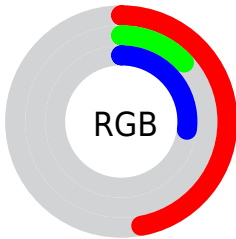
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 33, 69
Decimal	7872837
CIELab	28.14, 40.66, -0.84
CIELCh	28, 40.667, 358.819
Yxy	5.5105, 0.4443, 0.2615
Android (android.graphics.Color)	4286062917 (0xFF782145)
YUV	63.1170, 2.9003, 49.8864
Hunter-Lab	23.4744, 30.1223, 0.7717

# Details

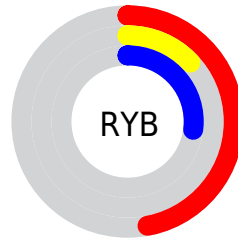
The Hex color **782145** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **217854**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B05575**, and **43001A** is the 20% darker color. If you saturate the color by 10%, you get **78153E**, and if you desaturate by 10%, it is **782D4C**.

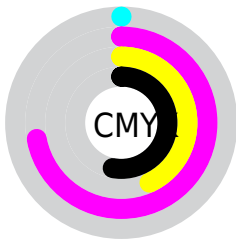
# Distribution



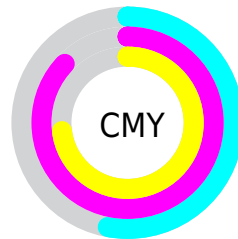
- Red (47%)
- Green (13%)
- Blue (27%)



- Red (47%)
- Yellow (13%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 782145 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 782145 by changing the saturation by 10% instead.



 782145

 782145

FFFFFF

 5D012F

 B05575

 43001A

 CC6E8F

 2D0001

 EA89A9

 000000

 FFA4C4

 FFC0E0

 FFDCFD

 FFF9FF

 782145

 782145

■ 78153E

■ 782D4C

■ 780937

■ 783953

■ 780032

■ 78455A

■ 785161

■ 785D68

■ 78696F

■ 787576

■ 78817D

■ 788D84

# Harmonies

## Analogous

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



662B63



782145



782626

# Triad

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



782145



334901



004E78

# Complementary

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



782145



217854

# 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.



005060



782145



004E20

# Square

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



782145



524100



005040



004781

# Rectangle

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



782145



702F13



005040



004F71



# Sweetspot

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



782145



9C7987



542178



4F3A43



CFCFCF



4F4F4F



# Same Dimension

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



782145



9C144C



782821



3D373A



7D0034



FC0068



# Inverse Universe

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



782145



9C144C



217178



3D373A



7D0034

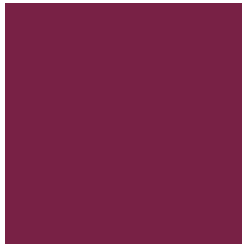


FC0068



# Previews

## White Background



This preview shows how the Hex color 782145 looks on a white background.

## Color Contrast Check

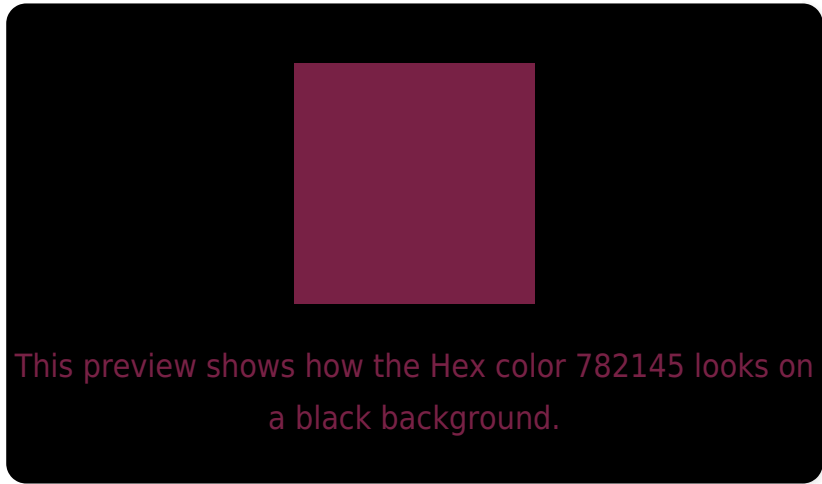
Large Text (above 18pt) WCAG AA ✓ Pass

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

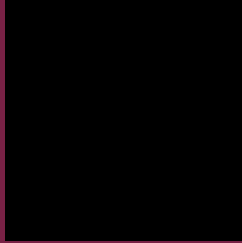
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 782145 Background



This preview shows how black text looks on a background with the Hex color 782145.



This preview shows how white text looks on a background with the Hex color 782145.

# 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**  
782145

**Protanopia**  
3D435A

**Deuteranopia**  
4B4141



**Tritanopia**  
76282A

# Trichromacy



**Original Color**  
782145

**Protanomaly**  
523752

**Deuteranomaly**  
5B3542

**Tritanomaly**  
772534

# Monochromacy



**Original Color**  
782145

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
543441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 782145 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 #782145 looks like.

```
.text, #text, p{  
    color:#782145  
}
```

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 #782145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782145
}
```

## Border

The CSS property to change the border of an element to Hex 782145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

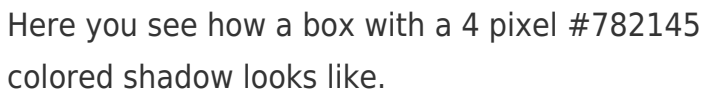
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782145 }
```

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

```
.border{ border-color:#782145 }
```

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



Here you see how a box with a 4 pixel #782145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782145; -webkit-box-shadow:4px 4px  
4px 4px #782145; box-shadow:4px 4px 4px  
4px #782145 }
```

# Background

The CSS property to change the background color of an element to Hex 782145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782145 }
```

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

```
.background{ background-color:#782145 }
```

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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