

# Converting Colors

Hex(782D33)

Have a look what the booklet for  
Hex(782D33) contains.

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**Color**

**Hex(782D33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782D33
RGB	120, 45, 51
RGB Percent	47%, 18%, 20%
CMY	0.5294, 0.8235, 0.8000
CMYK	0.00, 0.62, 0.58, 0.53
HSL	355°, 45%, 32%
HSV	355°, 62%, 47%
XYZ	9.2817, 6.1089, 3.8219
YIQ	68.1090, 42.7740, 17.7660

# Conversions

## Conversions Part 2

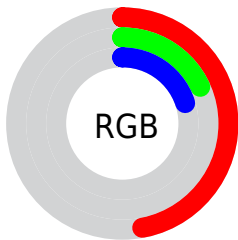
Format	Color
R <sub>Y</sub> B	120, 45, 51
Decimal	7875891
CIE Lab	29.69, 33.33, 13.28
CIE LCh	30, 35.879, 21.730
Yxy	6.1089, 0.4831, 0.3180
Android (android.graphics.Color)	4286065971 (0xFF782D33)
YUV	68.1090, -8.4347, 45.5084
Hunter-Lab	24.7161, 23.7790, 8.1331

# Details

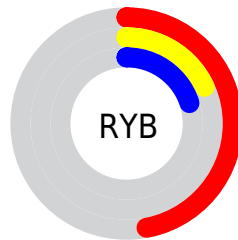
The Hex color **782D33** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D7872**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B05E61**, and **430005** is the 20% darker color. If you saturate the color by 10%, you get **782128**, and if you desaturate by 10%, it is **78393E**.

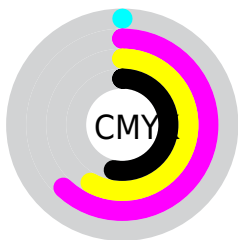
# Distribution



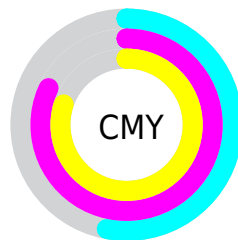
- Red (47%)
- Green (18%)
- Blue (20%)



- Red (47%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (53%)



- Cyan (53%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 782D33 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 782D33 by changing the saturation by 10% instead.



 782D33

 782D33

FFFFFF

 5D141E

 B05E61

 430005

 CD787A

 2C0001

 EA9294

 000000

 FFADAE

 FFC9CA

 FFE6E6

 782D33

 782D33

 782128

 78393E

 78151D

 784549

 780912

 785154

 78000A

 785D5F

 78696A

 787575

 788180

 788D8B

 789996

# Harmonies

## Analogous

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



742C4F



782D33



6E371A

# Triad

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



782D33



1D5021



004B7D

# Complementary

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



782D33



2D7872

# 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.



005171



782D33



00533D

# Square

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



782D33



414B0C



00535A



38427A

# Rectangle

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



782D33



623E0D



00535A



004E7B



# Sweetspot

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



782D33



9C7E80



722D78



4F3D3E



CFCFCF



4F4F4F



# Same Dimension

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



782D33



9C2730



784C2D



3D3738



7D000A



FC0014



# Inverse Universe

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



782D33



9C2730



2D5978



3D3738



7D000A



FC0014



# Previews

## White Background



This preview shows how the Hex color 782D33 looks on a white background.

## Color Contrast Check

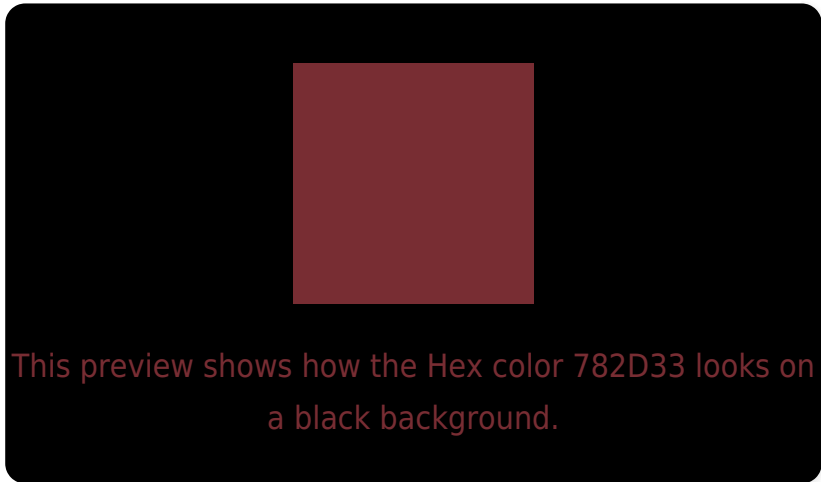
Large Text (above 18pt) WCAG AA ✓ Pass

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 782D33 Background



This preview shows how black text looks on a background with the Hex color 782D33.



This preview shows how white text looks on a background with the Hex color 782D33.

# 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**  
782D33

**Protanopia**  
4A473F

**Deuteranopia**  
55442F



**Tritanopia**  
782D30

# Trichromacy



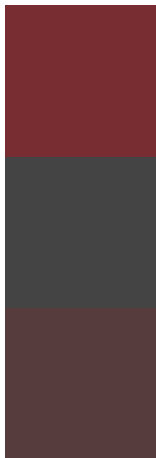
**Original Color**  
782D33

**Protanomaly**  
5B3E3B

**Deuteranomaly**  
623C30

**Tritanomaly**  
782D31

# Monochromacy



**Original Color**  
782D33

**Achromatopsia**  
444444

**Achromatomaly**  
573C3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 782D33 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 #782D33 looks like.

```
.text, #text, p{  
    color:#782D33  
}
```

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 #782D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782D33
}
```

## Border

The CSS property to change the border of an element to Hex 782D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

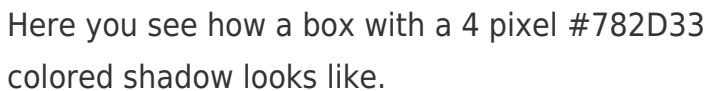
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782D33 }
```

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

```
.border{ border-color:#782D33 }
```

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



Here you see how a box with a 4 pixel #782D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782D33; -webkit-box-shadow:4px 4px  
4px 4px #782D33; box-shadow:4px 4px 4px  
4px #782D33 }
```

# Background

The CSS property to change the background color of an element to Hex 782D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782D33 }
```

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

```
.background{ background-color:#782D33 }
```

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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