

# Converting Colors

Hex(752941)

Have a look what the booklet for  
Hex(752941) contains.

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**Color**

**Hex(752941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752941
RGB	117, 41, 65
RGB Percent	46%, 16%, 25%
CMY	0.5412, 0.8392, 0.7451
CMYK	0.00, 0.65, 0.44, 0.54
HSL	341°, 48%, 31%
HSV	341°, 65%, 46%
XYZ	9.0832, 5.7494, 5.6320
YIQ	66.4600, 37.5920, 23.5760

# Conversions

## Conversions Part 2

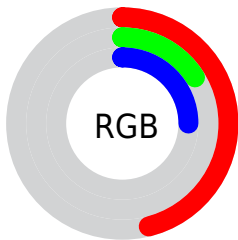
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 41, 65
Decimal	7678273
CIE Lab	28.77, 35.62, 2.67
CIE LCh	29, 35.717, 4.292
Yxy	5.7494, 0.4438, 0.2809
Android (android.graphics.Color)	4285868353 (0xFF752941)
YUV	66.4600, -0.7198, 44.3236
Hunter-Lab	23.9780, 25.6568, 2.8583

# Details

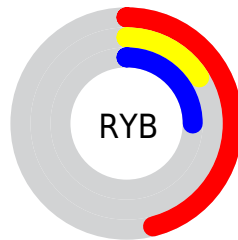
The Hex color **752941** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **29755D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AC5B71**, and **400017** is the 20% darker color. If you saturate the color by 10%, you get **751D39**, and if you desaturate by 10%, it is **753549**.

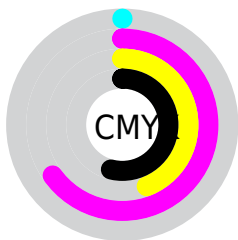
# Distribution



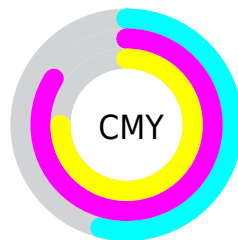
- Red (46%)
- Green (16%)
- Blue (25%)



- Red (46%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752941 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 752941 by changing the saturation by 10% instead.



■ 752941

■ 752941

FFFFFF

■ 5A0E2B

■ AC5B71

■ 400017

■ C9748A

■ 2B0001

■ E68FA4

■ 000000

■ FFAABF

■ FFC6DB

■ FFE2F8

■ 752941

■ 752941

■ 751D39

■ 753549

 751231

 754051

 750629

 754C59

 750025

 755861

 756469

 756F71

 757B79

 758781

 759289

# Harmonies

## Analogous

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



682F5C



752941



732E26

# Triad

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



752941



324B12



004D75

# Complementary

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



752941



29755D

# 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.



005062



752941



004F2B

# Square

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



752941



4E4405



005147



00467B

# Rectangle

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



752941



6A3617



005147



004E70



# Sweetspot

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



752941



997C85



5D2975



4D3B40



CCCCCC



4D4D4D



# Same Dimension

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



752941



992247



753729



3B3537



7A0027



FA004F



# Inverse Universe

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



752941



992247



296775



3B3537



7A0027

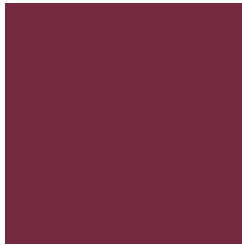


FA004F



# Previews

## White Background



This preview shows how the Hex color 752941 looks on a white background.

## Color Contrast Check

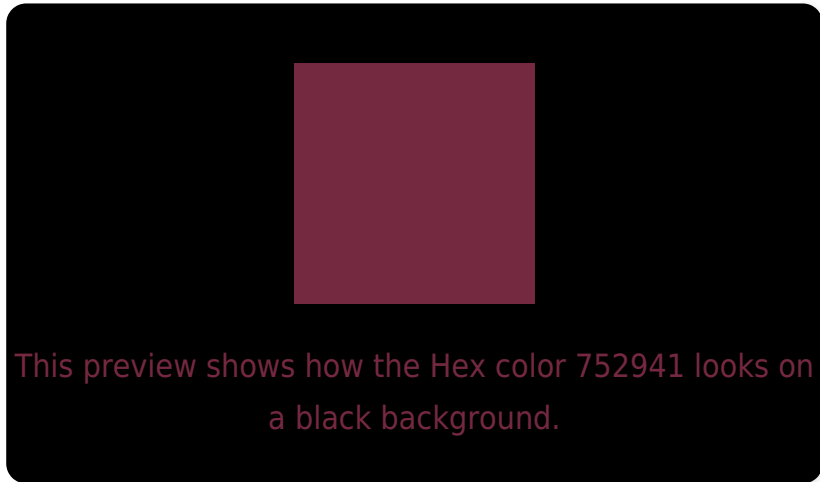
Large Text (above 18pt) WCAG AA ✓ Pass

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 752941 Background



This preview shows how black text looks on a background with the Hex color 752941.



This preview shows how white text looks on a background with the Hex color 752941.

# 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**  
752941

**Protanopia**  
424451

**Deuteranopia**  
4E423D



**Tritanopia**  
742D2F

# Trichromacy



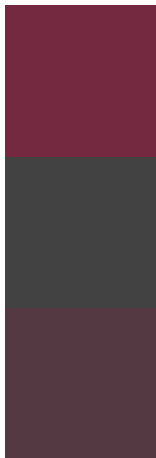
**Original Color**  
752941

**Protanomaly**  
553A4B

**Deuteranomaly**  
5C393E

**Tritanomaly**  
742C36

# Monochromacy



**Original Color**  
752941

**Achromatopsia**  
424242

**Achromatomaly**  
553942

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752941 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 #752941 looks like.

```
.text, #text, p{  
    color:#752941  
}
```

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 #752941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752941
}
```

## Border

The CSS property to change the border of an element to Hex 752941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

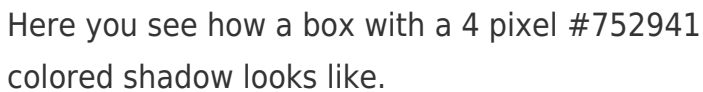
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752941 }
```

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

```
.border{ border-color:#752941 }
```

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



Here you see how a box with a 4 pixel #752941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752941; -webkit-box-shadow:4px 4px  
4px 4px #752941; box-shadow:4px 4px 4px  
4px #752941 }
```

# Background

The CSS property to change the background color of an element to Hex 752941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752941 }
```

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

```
.background{ background-color:#752941 }
```

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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