

# Converting Colors

Hex(742245)

Have a look what the booklet for  
Hex(742245) contains.

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# Color

Hex(742245)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	742245
RGB	116, 34, 69
RGB Percent	45%, 13%, 27%
CMY	0.5451, 0.8667, 0.7294
CMYK	0.00, 0.71, 0.41, 0.55
HSL	334°, 55%, 29%
HSV	334°, 71%, 45%
XYZ	8.8487, 5.2867, 6.1843
YIQ	62.5080, 37.6370, 28.2690

# Conversions

## Conversions Part 2

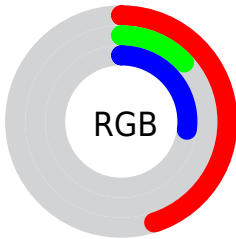
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 34, 69
Decimal	7610949
CIE Lab	27.54, 38.95, -1.82
CIE LCh	28, 38.997, 357.331
Yxy	5.2867, 0.4355, 0.2602
Android (android.graphics.Color)	4285801029 (0xFF742245)
YUV	62.5080, 3.2006, 46.9125
Hunter-Lab	22.9929, 28.4570, 0.1481

# Details

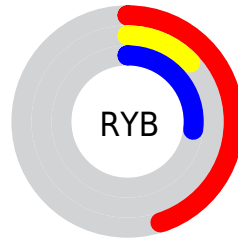
The Hex color **742245** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **227451**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AB5575**, and **3F001A** is the 20% darker color. If you saturate the color by 10%, you get **74163E**, and if you desaturate by 10%, it is **742E4C**.

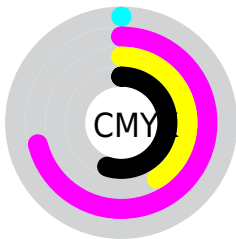
# Distribution



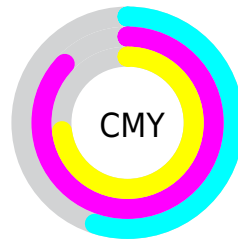
- Red (45%)
- Green (13%)
- Blue (27%)



- Red (45%)
- Yellow (13%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (41%)
- Black (55%)



- Cyan (55%)
- Magenta (87%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 742245 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 742245 by changing the saturation by 10% instead.



 742245

 742245

FFFFFF

 59032F

 AB5575

 3F001A

 C86F8F

 290001

 E589A9

 000000

 FFA4C4

 FFC0E0

 FFDCFD

 FFF9FF

 742245

 742245

■ 74163E

■ 742E4C

■ 740B38

■ 743952

■ 740032

■ 744559

■ 745060

■ 745C66

■ 74686D

■ 747374

■ 747F7A

■ 748A81

# Harmonies

## Analogous

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



622C62



742245



752627

# Triad

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



742245



344703



004C73

# Complementary

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



742245



227451

# 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.



004F5C



742245



004C1F

# Square

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



742245



523F00



004E3D



00457D

# Rectangle

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



742245



6D2E15



004E3D



004D6D



# Sweetspot

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



742245



967784



502274



4D3942



CCCCCC



4D4D4D



# Same Dimension

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



742245



96174D



742722



3B3537



7A0034



FA006B



# Inverse Universe

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



742245



96174D



226F74



3B3537



7A0034

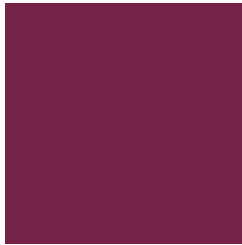


FA006B



# Previews

## White Background



This preview shows how the Hex color 742245 looks on a white background.

## Color Contrast Check

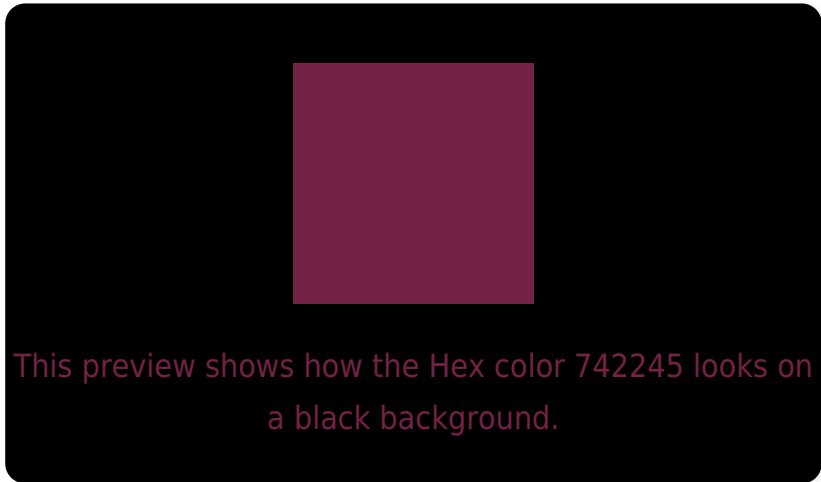
Large Text (above 18pt) WCAG AA ✓ Pass

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 742245 Background



This preview shows how black text looks on a background with the Hex color 742245.



This preview shows how white text looks on a background with the Hex color 742245.

# 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**

742245

**Protanopia**

3C4259

**Deuteranopia**

494041



**Tritanopia**  
72282B

# Trichromacy



**Original Color**  
742245

**Protanomaly**  
503652

**Deuteranomaly**  
593542

**Tritanomaly**  
732634

# Monochromacy



**Original Color**  
742245

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
523441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 742245 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 #742245 looks like.

```
.text, #text, p{  
    color:#742245  
}
```

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 #742245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742245
}
```

## Border

The CSS property to change the border of an element to Hex 742245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

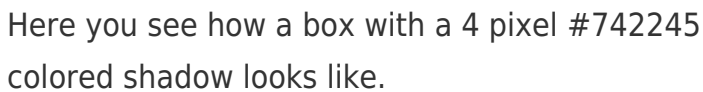
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742245 }
```

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

```
.border{ border-color:#742245 }
```

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



Here you see how a box with a 4 pixel #742245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742245; -webkit-box-shadow:4px 4px  
4px 4px #742245; box-shadow:4px 4px 4px  
4px #742245 }
```

# Background

The CSS property to change the background color of an element to Hex 742245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742245 }
```

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

```
.background{ background-color:#742245 }
```

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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