

# Converting Colors

Hex(742527)

Have a look what the booklet for  
Hex(742527) contains.

<b>Hex(742527)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(742527)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	742527
RGB	116, 37, 39
RGB Percent	45%, 15%, 15%
CMY	0.5451, 0.8549, 0.8471
CMYK	0.00, 0.68, 0.66, 0.55
HSL	358°, 52%, 30%
HSV	358°, 68%, 45%
XYZ	8.2302, 5.1826, 2.4860
YIQ	60.8490, 46.4420, 17.3700

# Conversions

## Conversions Part 2

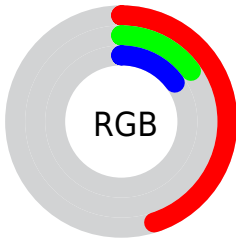
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 37, 39
Decimal	7611687
CIE <sub>Lab</sub>	27.25, 34.79, 17.83
CIE <sub>LCh</sub>	27, 39.090, 27.135
Yxy	5.1826, 0.5177, 0.3260
Android (android.graphics.Color)	4285801767 (0xFF742527)
YUV	60.8490, -10.7716, 48.3674
Hunter-Lab	22.7654, 24.6927, 9.4612

# Details

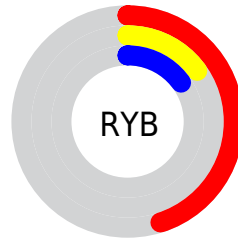
The Hex color **742527** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **257472**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **AC5754**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **74191C**, and if you desaturate by 10%, it is **743132**.

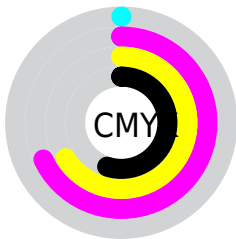
# Distribution



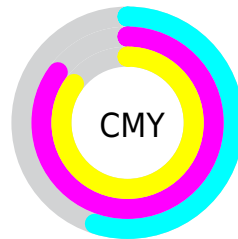
- Red (45%)
- Green (15%)
- Blue (15%)



- Red (45%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (66%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 742527 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 742527 by changing the saturation by 10% instead.



 742527

 742527

FFFFFF

 590A13

 AC5754

 3E0000

 CA706C

 250001

 E78A85

 000000

 FFA5A0

 FFC1BB

 FFDDDD6

 FFFAF3

 742527

 742527

 74191C

 743132

 740E10

 743C3E

 740205

 744849

 740003

 745354

 745F60

 746B6B

 747676

 748281

 748D8D

# Harmonies

## Analogous

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



732145



742527



67320C

# Triad

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



742527



004C1E



00457C

# Complementary

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



742527



257472

# 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.



004B72



742527



004E3C

# Square

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



742527



344702



004E5B



393A76

# Rectangle

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



742527



593A00



004E5B



00487B



# Sweetspot

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



742527



967879



712574



4D3A3B



CCCCCC



4D4D4D



# Same Dimension

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



742527



961B1E



744A25



3B3535



7A0003



FA0006



# Inverse Universe

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



742527



961B1E



254F74



3B3535



7A0003

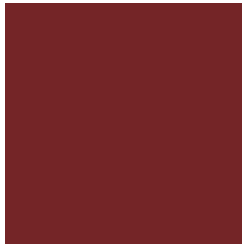


FA0006



# Previews

## White Background



This preview shows how the Hex color 742527 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

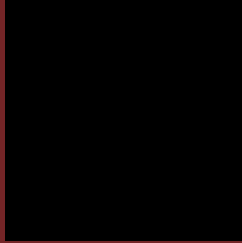
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 742527 Background



This preview shows how black text looks on a background with the Hex color 742527.

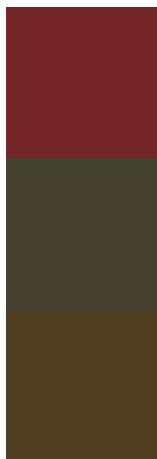


This preview shows how white text looks on a background with the Hex color 742527.

# 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**

742527

**Protanopia**

464232

**Deuteranopia**

503F23



# Trichromacy



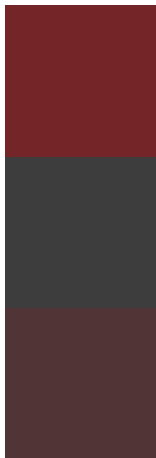
**Original Color**  
742527

**Protanomaly**  
57372E

**Deuteranomaly**  
5D3624

**Tritanomaly**  
742527

# Monochromacy



**Original Color**  
742527

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
513435

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 742527 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 #742527 looks like.

```
.text, #text, p{  
    color:#742527  
}
```

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 #742527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742527
}
```

## Border

The CSS property to change the border of an element to Hex 742527 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".

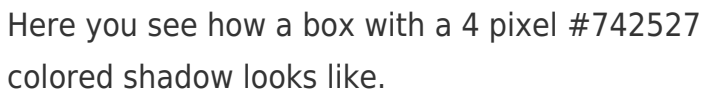
```
.border, #border, table{ border:4px solid
#742527 }
```

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

```
.border{ border-color:#742527 }
```

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

Here you see how a box with a 4 pixel #742527 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742527; -webkit-box-shadow:4px 4px  
4px 4px #742527; box-shadow:4px 4px 4px  
4px #742527 }
```

# Background

The CSS property to change the background color of an element to Hex 742527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742527 }
```

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

```
.background{ background-color:#742527 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor