

# Converting Colors

Hex(752129)

Have a look what the booklet for  
Hex(752129) contains.

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**Color**

**Hex(752129)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752129
RGB	117, 33, 41
RGB Percent	46%, 13%, 16%
CMY	0.5412, 0.8706, 0.8392
CMYK	0.00, 0.72, 0.65, 0.54
HSL	354°, 56%, 29%
HSV	354°, 72%, 46%
XYZ	8.2802, 5.0297, 2.6322
YIQ	59.0280, 47.4960, 20.2960

# Conversions

## Conversions Part 2

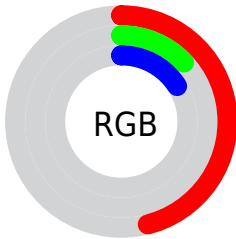
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 33, 41
Decimal	7676201
CIELab	26.82, 37.09, 16.00
CIELCh	27, 40.389, 23.332
Yxy	5.0297, 0.5194, 0.3155
Android (android.graphics.Color)	4285866281 (0xFF752129)
YUV	59.0280, -8.8878, 50.8414
Hunter-Lab	22.4270, 26.6561, 8.7401

# Details

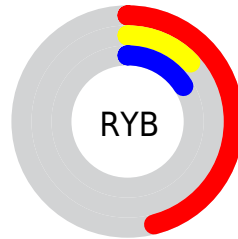
The Hex color **752129** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21756D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AE5356**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **75151E**, and if you desaturate by 10%, it is **752D34**.

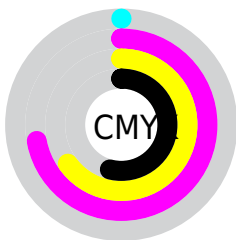
# Distribution



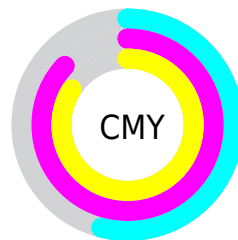
- Red (46%)
- Green (13%)
- Blue (16%)



- Red (46%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752129 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 752129 by changing the saturation by 10% instead.



 752129

 752129

FFFFFF

 590315

 AE5356

 3F0000

 CB6D6E

 250001

 E88788

 000000

 FFA2A2

 FFBEBD

 FFDAD9

 FFF7F5

 752129

 752129

 75151E

 752D34

 750A14

 75383E

 75000B

 754449

 755053

 755C5E

 756769

 757373

 757F7E

 758A88

# Harmonies

## Analogous

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



721F48



752129



692E0C

# Triad

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



752129



044A18



00457D

# Complementary

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



752129



21756D

# 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.



004B71



752129



004D37

# Square

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



752129



364500



004D57



2F3A78

# Rectangle

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



752129



5C3800



004D57



00487B



# Sweetspot

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



752129



99777B



6D2175



4D393B



CCCCCC



4D4D4D



# Same Dimension

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



752129



991522



754321



3B3535



7A000C



FA0018



# Inverse Universe

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



752129



991522



215375



3B3535



7A000C

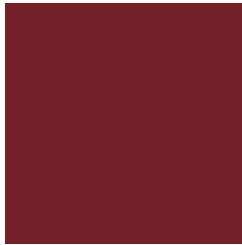


FA0018



# Previews

## White Background



This preview shows how the Hex color 752129 looks on a white background.

## Color Contrast Check

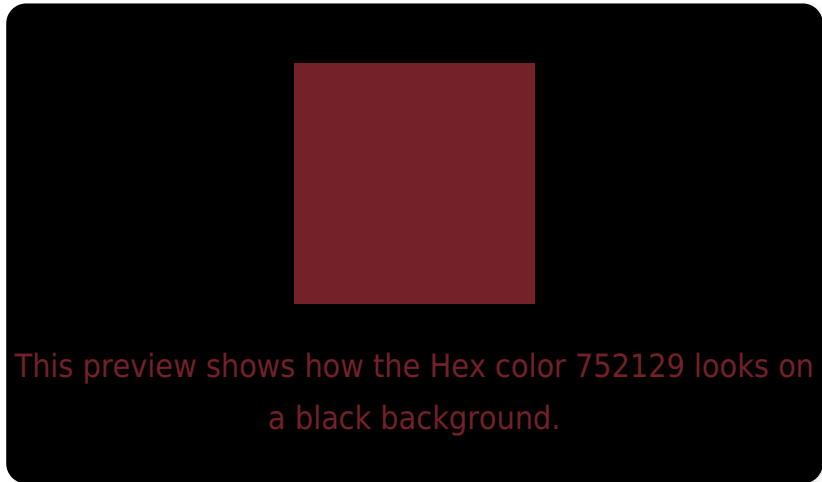
Large Text (above 18pt) WCAG AA ✓ Pass

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 752129 Background



This preview shows how black text looks on a background with the Hex color 752129.



This preview shows how white text looks on a background with the Hex color 752129.

# 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**  
752129

**Protanopia**  
444136

**Deuteranopia**  
4F3E25



**Tritanopia**  
752224

# Trichromacy



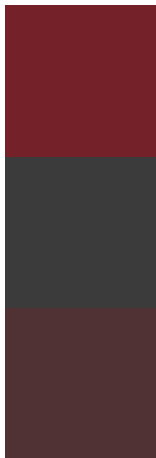
**Original Color**  
752129

**Protanomaly**  
563531

**Deuteranomaly**  
5D3326

**Tritanomaly**  
752226

# Monochromacy



**Original Color**  
752129

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
503234

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752129 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 #752129 looks like.

```
.text, #text, p{  
    color:#752129  
}
```

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 #752129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752129
}
```

## Border

The CSS property to change the border of an element to Hex 752129 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".

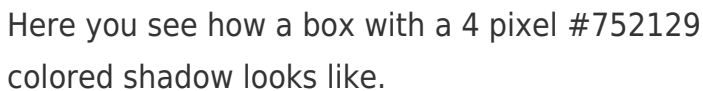
```
.border, #border, table{ border:4px solid
#752129 }
```

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

```
.border{ border-color:#752129 }
```

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

Here you see how a box with a 4 pixel #752129 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752129; -webkit-box-shadow:4px 4px  
4px 4px #752129; box-shadow:4px 4px 4px  
4px #752129 }
```

# Background

The CSS property to change the background color of an element to Hex 752129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752129 }
```

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

```
.background{ background-color:#752129 }
```

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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