

# Converting Colors

Hex(751244)

Have a look what the booklet for  
Hex(751244) contains.

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**Color**

**Hex(751244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	751244
RGB	117, 18, 68
RGB Percent	46%, 7%, 27%
CMY	0.5412, 0.9294, 0.7333
CMYK	0.00, 0.85, 0.42, 0.54
HSL	330°, 73%, 26%
HSV	330°, 85%, 46%
XYZ	8.5958, 4.6319, 5.9098
YIQ	53.3010, 42.9540, 36.5380

# Conversions

## Conversions Part 2

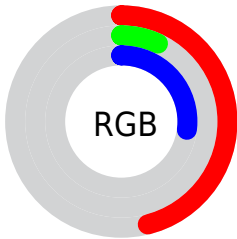
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 18, 68
Decimal	7672388
CIE Lab	25.66, 44.87, -3.90
CIE LCh	26, 45.036, 355.035
Yxy	4.6319, 0.4492, 0.2420
Android (android.graphics.Color)	4285862468 (0xFF751244)
YUV	53.3010, 7.2466, 55.8640
Hunter-Lab	21.5218, 33.6298, -1.2156

# Details

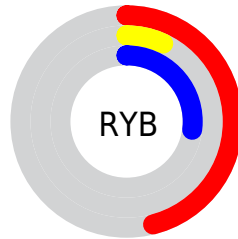
The Hex color **751244** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **127543**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **AD4A74**, and **400019** is the 20% darker color. If you saturate the color by 10%, you get **75063E**, and if you desaturate by 10%, it is **751E4A**.

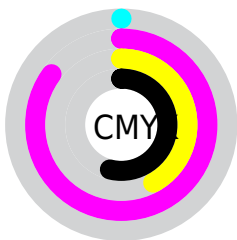
# Distribution



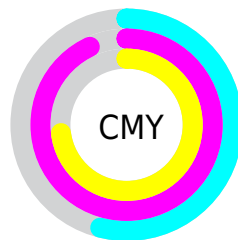
- Red (46%)
- Green (7%)
- Blue (27%)



- Red (46%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (85%)
- Yellow (42%)
- Black (54%)



- Cyan (54%)
- Magenta (93%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 751244 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 751244 by changing the saturation by 10% instead.



 751244

 751244

FFFFFF

 5A002E

 AD4A74

 400019

 CA648E

 270001

 E77FA8

 000000

 FF9AC3

 FFB5DF

 FFD2FC

 FFEFFF

 751244

 751244

■ 75063E

■ 751E4A

■ 75003B

■ 752950

■ 753555

■ 75415B

■ 754D61

■ 755867

■ 75646D

■ 757072

■ 757B78

# Harmonies

## Analogous

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



5F2464



751244



761822

# Triad

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



751244



304300



004975

# Complementary

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



751244



127543

# 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.



004C59



751244



004911

# Square

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



751244



503900



004B36



004382

# Rectangle

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



751244



6E240C



004B36



004B6D



# Sweetspot

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



751244



997386



421275



4D3641



CCCCCC



4D4D4D



# Same Dimension

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



751244



99004D



751214



3B3538



7A003E



FA007E



# Inverse Universe

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



751244



99004D



127573



3B3538



7A003E

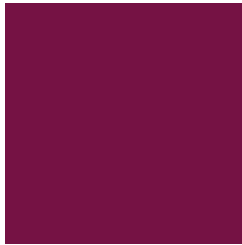


FA007E



# Previews

## White Background



This preview shows how the Hex color 751244 looks on a white background.

## Color Contrast Check

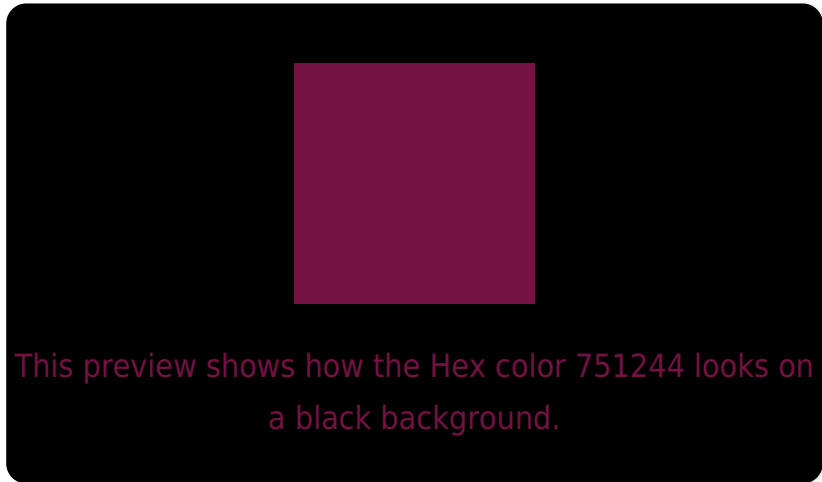
Large Text (above 18pt) WCAG AA ✓ Pass

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 751244 Background



This preview shows how black text looks on a background with the Hex color 751244.



This preview shows how white text looks on a background with the Hex color 751244.

# 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**  
751244

**Protanopia**  
343E5E

**Deuteranopia**  
453D3F



**Tritanopia**  
731F20

# Trichromacy



**Original Color**  
751244

**Protanomaly**  
4C2E55

**Deuteranomaly**  
562D41

**Tritanomaly**  
741A2D

# Monochromacy



**Original Color**  
751244

**Achromatopsia**  
353535

**Achromatomaly**  
4C283A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 751244 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 #751244 looks like.

```
.text, #text, p{  
    color:#751244  
}
```

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 #751244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #751244
}
```

## Border

The CSS property to change the border of an element to Hex 751244 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
#751244 }
```

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

```
.border{ border-color:#751244 }
```

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

Here you see how a box with a 4 pixel #751244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #751244; -webkit-box-shadow:4px 4px  
4px 4px #751244; box-shadow:4px 4px 4px  
4px #751244 }
```

# Background

The CSS property to change the background color of an element to Hex 751244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#751244 }
```

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

```
.background{ background-color:#751244 }
```

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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