

# Converting Colors

Hex(75732F)

Have a look what the booklet for  
Hex(75732F) contains.

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**Color**

**Hex(75732F)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 75732F                      |
| RGB         | 117, 115, 47                |
| RGB Percent | 46%, 45%, 18%               |
| CMY         | 0.5412, 0.5490, 0.8157      |
| CMYK        | 0.00, 0.02, 0.60, 0.54      |
| HSL         | 58°, 43%, 32%               |
| HSV         | 58°, 60%, 46%               |
| XYZ         | 13.9799, 16.2486, 5.0888    |
| YIQ         | 107.8460, 23.0200, -20.7240 |

# Conversions

## Conversions Part 2

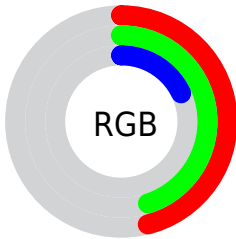
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 49, 117, 47                   |
| Decimal                             | 7697199                       |
| CIE Lab                             | 47.30, -8.91, 37.09           |
| CIE LCh                             | 47, 38.150, 103.504           |
| Yxy                                 | 16.2486, 0.3958,<br>0.4601    |
| Android<br>(android.graphics.Color) | 4285887279<br>(0xFF75732F)    |
| YUV                                 | 107.8460, -29.9971,<br>8.0281 |
| Hunter-Lab                          | 40.3096, -8.6354,<br>20.7318  |

# Details

The Hex color **75732F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F3175**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **ABA760**, and **424300** is the 20% darker color. If you saturate the color by 10%, you get **757323**, and if you desaturate by 10%, it is **75733B**.

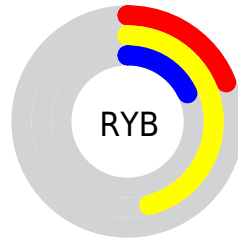
# Distribution



Red (46%)

Green (45%)

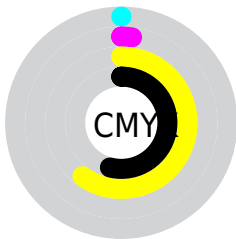
Blue (18%)



Red (19%)

Yellow (46%)

Blue (18%)

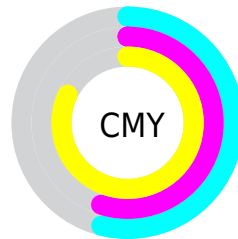


Cyan (0%)

Magenta (2%)

Yellow (60%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75732F 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 75732F by changing the saturation by 10% instead.



 75732F

 75732F

FFFFFF

 5B5B17


 ABA760

 424300

 C7C279

 2B2D00

 E3DE94

 111900

 FFFAAF

 000000

 FFFFCA

 FFFF E7

 75732F

 75732F

 757323

 75733B

 757218

 757446

 75720C

 757452

 757200

 75745E

 75756A

 757575

 757581

 75768D

 757698

# Harmonies

## Analogous

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



926832



75732F



517B40

# Triad

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



75732F



007E9C



A25783

# Complementary

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



75732F



2F3175

# 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.



85629F



75732F



0079AD

# Square

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



75732F



00807E



546FAF



AD5563

# Rectangle

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



75732F



327E52



546FAF



9B5A8D



# Sweetspot

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



75732F



99987D



752F31



4D4C3C



CCCCCC



4D4D4D



# Same Dimension

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



75732F



99962B



54752F



3B3A35



7A7700



FAF300



# Inverse Universe

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



2F3175



2B2E99



502F75



35353B



00037A



0007FA



# Previews

## White Background



This preview shows how the Hex color 75732F looks on a white background.

## Color Contrast Check

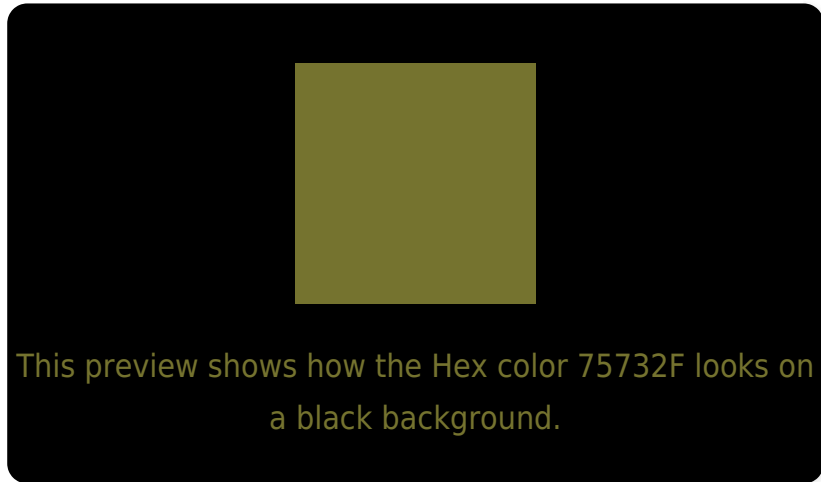
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

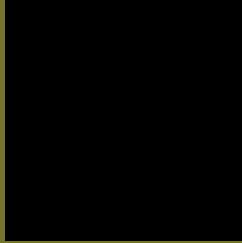
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75732F Background



This preview shows how black text looks on a background with the Hex color 75732F.



This preview shows how white text looks on a background with the Hex color 75732F.

# 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**  
75732F

**Protanopia**  
7D702E

**Deuteranopia**  
8B6B31



**Tritanopia**  
7C6C74

# Trichromacy



**Original Color**  
75732F

**Protanomaly**  
7A712E

**Deuteranomaly**  
836E30

**Tritanomaly**  
796F5B

# Monochromacy



**Original Color**  
75732F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6F6F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75732F 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 #75732F looks like.

```
.text, #text, p{  
    color:#75732F  
}
```

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 #75732F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75732F
}
```

## Border

The CSS property to change the border of an element to Hex 75732F 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
#75732F }
```

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

```
.border{ border-color:#75732F }
```

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

Here you see how a box with a 4 pixel #75732F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75732F; -webkit-box-shadow:4px 4px  
4px 4px #75732F; box-shadow:4px 4px 4px  
4px #75732F }
```

# Background

The CSS property to change the background color of an element to Hex 75732F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75732F }
```

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

```
.background{ background-color:#75732F }
```

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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