

# Converting Colors

Hex(77632F)

Have a look what the booklet for  
Hex(77632F) contains.

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**Color**

**Hex(77632F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77632F
RGB	119, 99, 47
RGB Percent	47%, 39%, 18%
CMY	0.5333, 0.6118, 0.8157
CMYK	0.00, 0.17, 0.61, 0.53
HSL	43°, 43%, 33%
HSV	43°, 61%, 47%
XYZ	12.5827, 13.0509, 4.5452
YIQ	99.0520, 28.6120, -11.9320

# Conversions

## Conversions Part 2

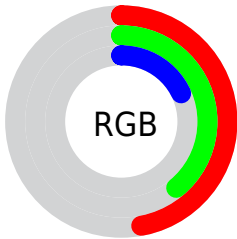
Format	Color
<b>R<sub>YB</sub></b>	75, 119, 47
Decimal	7824175
CIE Lab	42.84, 1.21, 32.07
CIE LCh	43, 32.092, 87.841
Yxy	13.0509, 0.4169, 0.4325
Android (android.graphics.Color)	4286014255 (0xFF77632F)
YUV	99.0520, -25.6616, 17.4944
Hunter-Lab	36.1260, -1.0489, 17.8286

# Details

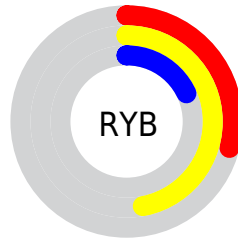
The Hex color **77632F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F4377**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AD965F**, and **443500** is the 20% darker color. If you saturate the color by 10%, you get **776023**, and if you desaturate by 10%, it is **77663B**.

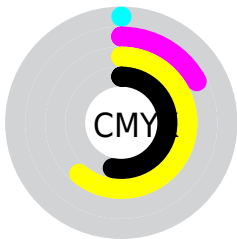
# Distribution



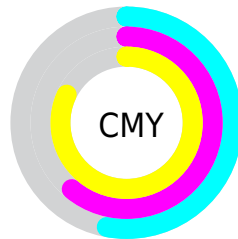
- Red (47%)
- Green (39%)
- Blue (18%)



- Red (29%)
- Yellow (47%)
- Blue (18%)



- Cyan (0%)
- Magenta (17%)
- Yellow (61%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77632F 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 77632F by changing the saturation by 10% instead.



 77632F

 77632F

FFFFFF

 5D4B18

 AD965F

 443500

 C9B078

 2C2000

 E6CC92

 110900

 FFE8AD

 000000

 FFFFC8

 FFFFEE5

 77632F

 77632F

 776023

 77663B

■ 775C17

■ 776A47

■ 77590B

■ 776D53

■ 775600

■ 77705F

■ 77746A

■ 777776

■ 777A82

■ 777D8E

■ 77819A

# Harmonies

## Analogous

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



8C5939



77632F



5C6B35

# Triad

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



77632F



00727D



845582

# Complementary

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



77632F



2F4377

# 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.



645F94



77632F



006F91

# Square

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



77632F



007362



34689A



954F68

# Rectangle

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



77632F



476F40



34689A



7B5889



# Sweetspot

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



77632F



9C9480



772F43



4F4A3E



CFCFCF



4F4F4F



# Same Dimension

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



77632F



9C7C2A



67772F



3B3935



7A5800



FAB400



# Inverse Universe

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



2F4377



2A4A9C



3F2F77



35363B



00227A



0045FA



# Previews

## White Background



This preview shows how the Hex color 77632F looks on a white background.

## Color Contrast Check

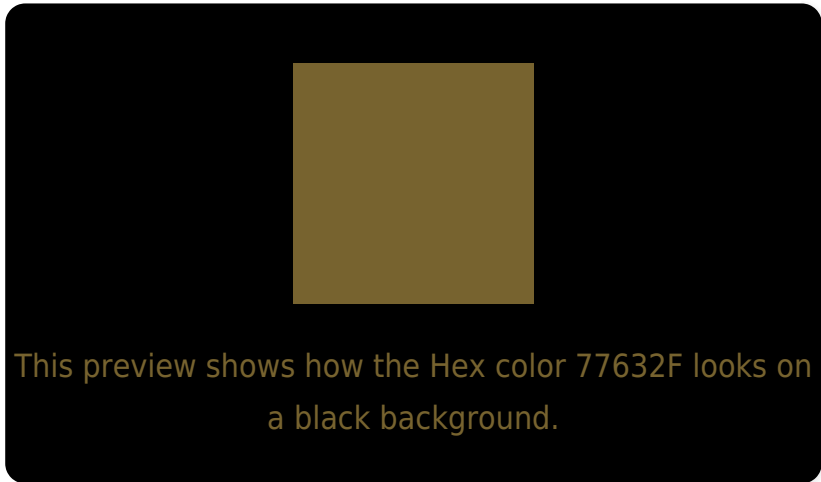
Large Text (above 18pt) WCAG AA ✓ Pass

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

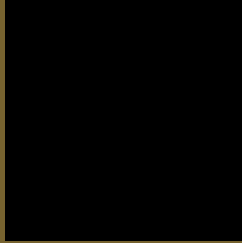
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77632F Background



This preview shows how black text looks on a background with the Hex color 77632F.



This preview shows how white text looks on a background with the Hex color 77632F.

# 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**  
77632F

**Protanopia**  
706530

**Deuteranopia**  
7D6030



**Tritanopia**  
7B5D64

# Trichromacy



**Original Color**  
77632F

**Protanomaly**  
736430

**Deuteranomaly**  
7B6130

**Tritanomaly**  
7A5F51

# Monochromacy



**Original Color**  
77632F

**Achromatopsia**  
636363

**Achromatomaly**  
6A6350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77632F 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 #77632F looks like.

```
.text, #text, p{  
    color:#77632F  
}
```

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 #77632F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77632F
}
```

## Border

The CSS property to change the border of an element to Hex 77632F 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
#77632F }
```

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

```
.border{ border-color:#77632F }
```

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

Here you see how a box with a 4 pixel #77632F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77632F; -webkit-box-shadow:4px 4px  
4px 4px #77632F; box-shadow:4px 4px 4px  
4px #77632F }
```

# Background

The CSS property to change the background color of an element to Hex 77632F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77632F }
```

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

```
.background{ background-color:#77632F }
```

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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