

# Converting Colors

Hex(757A24)

Have a look what the booklet for  
Hex(757A24) contains.

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**Color**

**Hex(757A24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757A24
RGB	117, 122, 36
RGB Percent	46%, 48%, 14%
CMY	0.5412, 0.5216, 0.8588
CMYK	0.04, 0.00, 0.70, 0.52
HSL	63°, 54%, 31%
HSV	63°, 70%, 48%
XYZ	14.6141, 17.8283, 4.3400
YIQ	110.7010, 24.6260, -27.8060

# Conversions

## Conversions Part 2

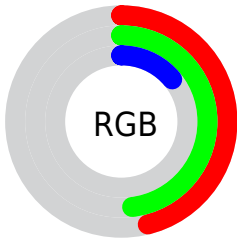
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 122, 41
Decimal	7698980
CIELab	49.29, -13.55, 44.25
CIELCh	49, 46.273, 107.023
Yxy	17.8283, 0.3973, 0.4847
Android (android.graphics.Color)	4285889060 (0xFF757A24)
YUV	110.7010, -36.8276, 5.5242
Hunter-Lab	42.2236, -12.1104, 23.4623

# Details

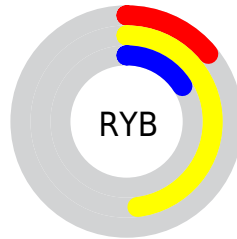
The Hex color **757A24** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29247A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ABAE56**, and **424A00** is the 20% darker color. If you saturate the color by 10%, you get **747A18**, and if you desaturate by 10%, it is **767A30**.

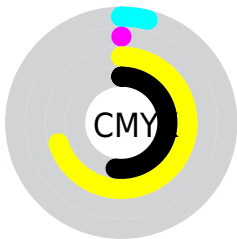
# Distribution



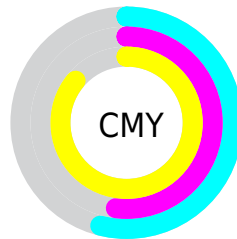
- Red (46%)
- Green (48%)
- Blue (14%)



- Red (14%)
- Yellow (48%)
- Blue (16%)



- Cyan (4%)
- Magenta (0%)
- Yellow (70%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757A24 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 757A24 by changing the saturation by 10% instead.



 757A24

 757A24

FFFFFF

 5B6106

 ABAE56

 424A00

 C8CA70

 293300

 E4E68A

 101E00

 FFFFA5

 000000

 FFFFC1

 FFFFDD

 FFFFFA

 757A24

 757A24

■ 747A18

■ 767A30

■ 747A0C

■ 767A3C

■ 737A00

■ 777A49

■ 787A55

■ 797A61

■ 797A6D

■ 7A7A79

■ 7B7A86

■ 7B7A92

# Harmonies

## Analogous

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



996D25



757A24



47833D

# Triad

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



757A24



0086AE



B45488

# Complementary

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



757A24



29247A

# 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.



9461AB



757A24



007EC1

# Square

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



757A24



00888B



5872C0



BD5360

# Rectangle

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



757A24



0E8655



5872C0



AC5795



# Sweetspot

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



757A24



9C9E7D



7A2824



4E4F3B



CFCFCF



4F4F4F



# Same Dimension

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



757A24



969E18



4B7A24



3D3D37



767D00



EEFC00



# Inverse Universe

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



29247A



20189E



53247A



37373D



07007D



0F00FC



# Previews

## White Background



This preview shows how the Hex color 757A24 looks on a white background.

## Color Contrast Check

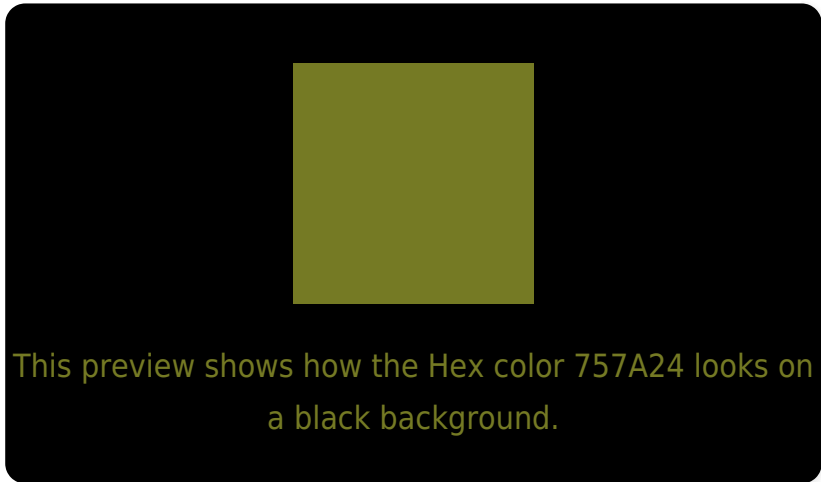
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

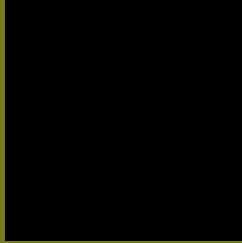
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 757A24 Background



This preview shows how black text looks on a background with the Hex color 757A24.



This preview shows how white text looks on a background with the Hex color 757A24.

# 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**  
757A24

**Protanopia**  
837523

**Deuteranopia**  
926F28



**Tritanopia**  
7D727B

# Trichromacy



**Original Color**  
757A24

**Protanomaly**  
7E7723

**Deuteranomaly**  
877327

**Tritanomaly**  
7A755B

# Monochromacy



**Original Color**  
757A24

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
717354

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757A24 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 #757A24 looks like.

```
.text, #text, p{  
    color:#757A24  
}
```

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 #757A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757A24
}
```

## Border

The CSS property to change the border of an element to Hex 757A24 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
#757A24 }
```

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

```
.border{ border-color:#757A24 }
```

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

Here you see how a box with a 4 pixel #757A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757A24; -webkit-box-shadow:4px 4px  
4px 4px #757A24; box-shadow:4px 4px 4px  
4px #757A24 }
```

# Background

The CSS property to change the background color of an element to Hex 757A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757A24 }
```

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

```
.background{ background-color:#757A24 }
```

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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