# Converting Colors

Hex(744941)

Have a look what the booklet for Hex(744941) contains.

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# Color

**Hex(744941)**

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | 744941 |
| RGB | 116, 73, 65 |
| RGB Percent | 45%, 29%, 25% |
| CMY | 0.5451, 0.7137, 0.7451 |
| CMYK | 0.00, 0.37, 0.44, 0.55 |
| HSL | 9°, 28%, 35% |
| HSV | 9°, 44%, 45% |
| XYZ | 10.5391, 8.8597, 6.1557 |
| YIQ | 84.9450, 28.1960, 6.6280 |

# Conversions

Conversions Part 2

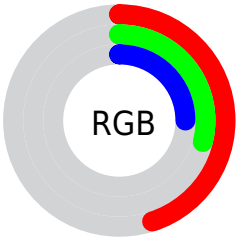
| Format | Color |
|---|---|
| RYB | 116, 74, 65 |
| Decimal | 7620929 |
| CIELab | 35.71, 17.31, 12.40 |
| CIELCh | 36, 21.294, 35.615 |
| Yxy | 8.8597, 0.4124, 0.3467 |
| Android (android.graphics.Color) | 4285811009 (0xFF744941) |
| YUV | 84.9450, -9.8329, 27.2352 |
| Hunter-Lab | 29.7653, 11.1130, 8.5742 |

# Details

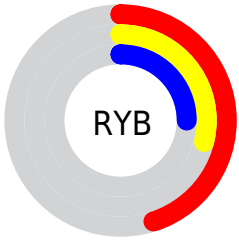
The Hex color 744941 is a dark color, and the websafe version is hex 663333. A complement of this color would be 416C74, and the grayscale version is 555555.

A 20% lighter version of the original color is AA7A71, and 411C16 is the 20% darker color. If you saturate the color by 10%, you get 743F35, and if you desaturate by 10%, it is 74534D.

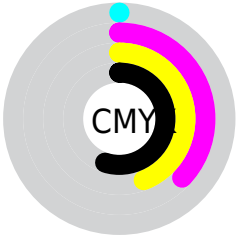
# Distribution



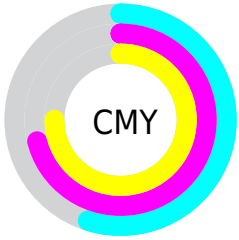

- Red (45%)
- Green (29%)
- Blue (25%)




- Red (45%)
- Yellow (29%)
- Blue (25%)




- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (55%)




- Cyan (55%)
- Magenta (71%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744941 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 744941 by changing the saturation by 10% instead.

744941

FFFFFF

AA7A71

C6948A

E2AFA5

FFCAC0

FFE6DC

FFFFF8

744941

5A322B

411C16

2B0600

000000

744941

743F35

744941

74534D

74352A

742C1E

742213

741807

741200

745D58

746664

74706F

747A7B

748487

748D92

74979E

74A1A9

# Harmonies

## Analogous

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

754751

744941

6B4E35

# Triad

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

744941

365C45

415576

# Complementary

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

744941

416C74

# 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.

255A73

744941

205D57

# Square

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

744941

4A5938

145C67

5A4E70

# Rectangle

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

744941

625232

145C67

385676

# Sweetspot

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

744941

968683

74416C

4D4240



CCCCCC

4D4D4D

# Same Dimension

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

744941

965347

746241

3B3635

7A1300

FA2700

# Inverse Universe

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

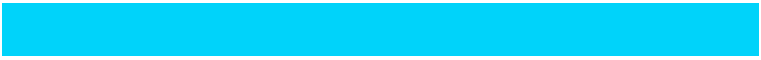
416C74

478A96

415374

353A3B

00677A



00D3FA

# Previews

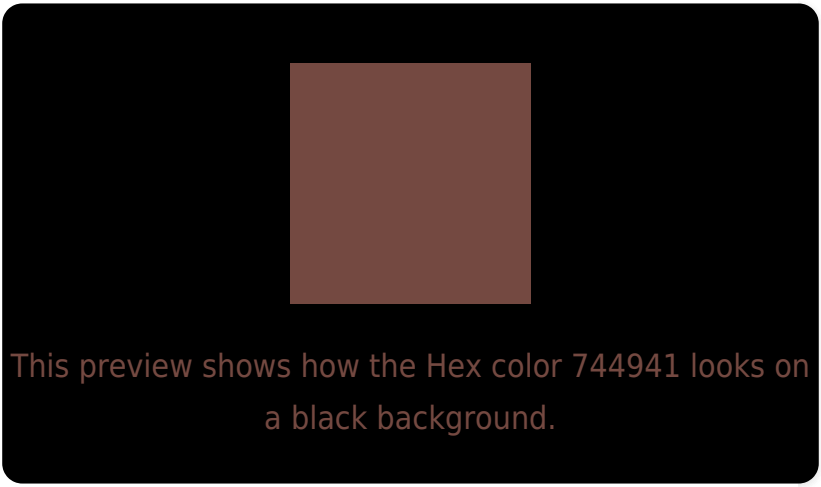
## White Background

This preview shows how the Hex color 744941 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

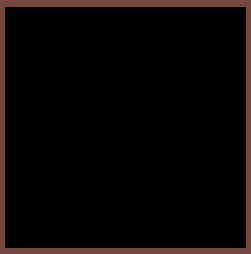



### Color Contrast Check

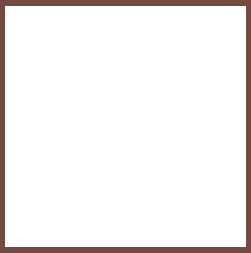
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# Hex 744941 Background



This preview shows how black text looks on a background with the Hex color 744941.



This preview shows how white text looks on a background with the Hex color 744941.

# 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**
744941

**Protanopia**
595446

**Deuteranopia**
635140

**Tritanopia**
75474D

# Trichromacy

**Original Color**
744941

**Protanomaly**
635044

**Deuteranomaly**
694E40

**Tritanomaly**
754849

# Monochromacy

**Original Color**
744941

**Achromatopsia**
555555

**Achromatomaly**
60514E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744941 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 #744941 looks like.

```
.text, #text, p{
    color:#744941
}
```

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 #744941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744941
}
```

## Border

The CSS property to change the border of an element to Hex 744941 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
#744941 }
```

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

```
.border{ border-color:#744941 }
```

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

Here you see how a box with a 4 pixel #744941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #744941; -webkit-box-shadow:4px 4px 4px 4px #744941; box-shadow:4px 4px 4px 4px #744941 }
```

# Background

The CSS property to change the background color of an element to Hex 744941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#744941 }
```

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

```
.background{ background-color:#744941 }
```

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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