

# Converting Colors

Hex(743407)

Have a look what the booklet for  
Hex(743407) contains.

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**Color**

**Hex(743407)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	743407
RGB	116, 52, 7
RGB Percent	45%, 20%, 3%
CMY	0.5451, 0.7961, 0.9725
CMYK	0.00, 0.55, 0.94, 0.55
HSL	25°, 89%, 24%
HSV	25°, 94%, 45%
XYZ	8.4688, 6.1843, 0.9484
YIQ	66.0060, 52.5890, -0.4270

# Conversions

## Conversions Part 2

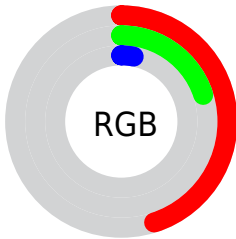
Format	Color
<a href="#">RYB</a>	<a href="#">116, 84, 7</a>
Decimal	<a href="#">7615495</a>
CIELab	<a href="#">29.87, 25.59, 37.94</a>
CIELCh	<a href="#">30, 45.766, 55.997</a>
Yxy	<a href="#">6.1843, 0.5428, 0.3964</a>
Android (android.graphics.Color)	<a href="#">4285805575</a> ( <a href="#">0xFF743407</a> )
YUV	<a href="#">66.0060, -29.0900, 43.8447</a>
Hunter-Lab	<a href="#">24.8683, 17.2679, 15.1468</a>

# Details

The Hex color **743407** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **074774**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AD6436**, and **3D0600** is the 20% darker color. If you saturate the color by 10%, you get **743000**, and if you desaturate by 10%, it is **743B13**.

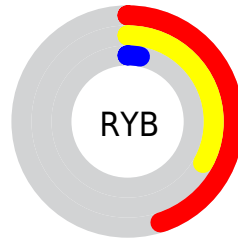
# Distribution



Red (45%)

Green (20%)

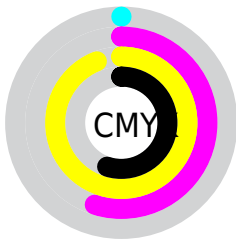
Blue (3%)



Red (45%)

Yellow (33%)

Blue (3%)

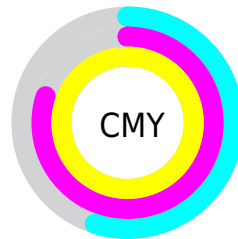


Cyan (0%)

Magenta (55%)

Yellow (94%)

Black (55%)



Cyan (55%)

Magenta (80%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 743407 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 743407 by changing the saturation by 10% instead.



 743407

 743407

 FFFFEE

 591D00

 AD6436

 3D0600

 CB7D4E

 260001

 E99867

 000000

 FFB381

 FFCE9B

 FFEBB6

 FFFFD2

 743407

 743407

■ 743000

■ 743B13

■ 74421E

■ 74482A

■ 744F35

■ 745641

■ 745D4D

■ 746458

■ 746A64

■ 74716F

# Harmonies

## Analogous

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



83232A



743407



5A4300

# Triad

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



743407



005640



393F87

# Complementary

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



743407



074774

# 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.



004C8E



743407



005665

# Square

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



743407



00531B



005381



6C2D6F

# Rectangle

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



743407



444B00



005381



15448B



# Sweetspot

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



743407



967E6C



740748



4D3D32



CCCCCC



4D4D4D



# Same Dimension

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



743407



963E00



746907



3B3735



7A3300



FA6700



# Inverse Universe

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



074774



005896



071274



35383B



00487A

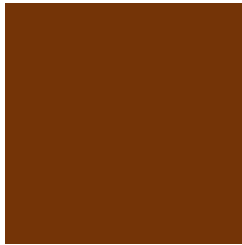


0093FA



# Previews

## White Background



This preview shows how the Hex color 743407 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

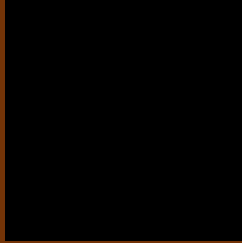
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 743407 Background



This preview shows how black text looks on a background with the Hex color 743407.



This preview shows how white text looks on a background with the Hex color 743407.

# 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



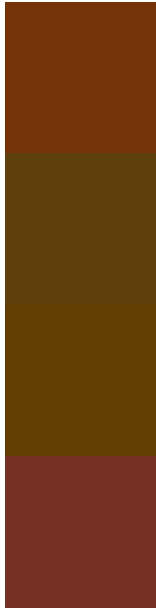
**Original Color**  
743407

**Protanopia**  
50470D

**Deuteranopia**  
5A4400



# Trichromacy



**Original Color**  
743407

**Protanomaly**  
5D400B

**Deuteranomaly**  
633E03

**Tritanomaly**  
753124

# Monochromacy



**Original Color**  
743407

**Achromatopsia**  
424242

**Achromatomaly**  
543D2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 743407 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 #743407 looks like.

```
.text, #text, p{  
    color:#743407  
}
```

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 #743407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743407
}
```

## Border

The CSS property to change the border of an element to Hex 743407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

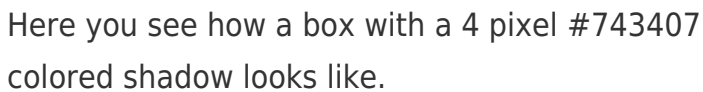
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743407 }
```

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

```
.border{ border-color:#743407 }
```

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



Here you see how a box with a 4 pixel #743407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743407; -webkit-box-shadow:4px 4px  
4px 4px #743407; box-shadow:4px 4px 4px  
4px #743407 }
```

# Background

The CSS property to change the background color of an element to Hex 743407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743407 }
```

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

```
.background{ background-color:#743407 }
```

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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