

# Converting Colors

Hex(745820)

Have a look what the booklet for  
Hex(745820) contains.

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**Color**

**Hex(745820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745820
RGB	116, 88, 32
RGB Percent	45%, 35%, 13%
CMY	0.5451, 0.6549, 0.8745
CMYK	0.00, 0.24, 0.72, 0.55
HSL	40°, 57%, 29%
HSV	40°, 72%, 45%
XYZ	10.9529, 10.7967, 2.8732
YIQ	89.9880, 34.6640, -11.4800

# Conversions

## Conversions Part 2

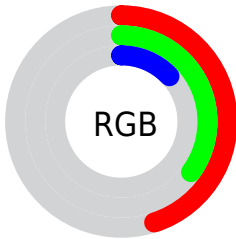
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 116, 32
Decimal	7624736
CIE Lab	39.24, 5.23, 35.69
CIE LCh	39, 36.072, 81.667
Yxy	10.7967, 0.4448, 0.4385
Android (android.graphics.Color)	4285814816 (0xFF745820)
YUV	89.9880, -28.5881, 22.8125
Hunter-Lab	32.8584, 1.9984, 17.8164

# Details

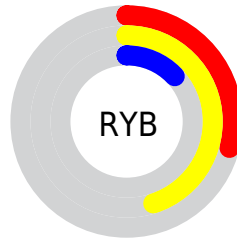
The Hex color **745820** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **203C74**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **AB8A4F**, and **412B00** is the 20% darker color. If you saturate the color by 10%, you get **745414**, and if you desaturate by 10%, it is **745C2C**.

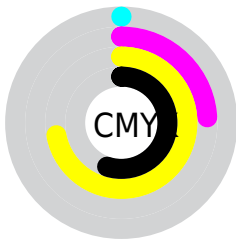
# Distribution



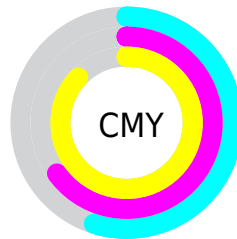
- Red (45%)
- Green (35%)
- Blue (13%)



- Red (29%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (72%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745820 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 745820 by changing the saturation by 10% instead.



 745820

 745820

FFFFFF

 5A4107

 AB8A4F

 412B00

 C7A468

 271700

 E4BF82

 050000

 FFDB9C

 000000

 FFF7B8

 FFFFD3

 FFFFF0

 745820

 745820

■ 745414

■ 745C2C

■ 745009

■ 746037

■ 744D00

■ 746443

■ 74674E

■ 746B5A

■ 746F66

■ 747371

■ 74777D

■ 747B88

# Harmonies

## Analogous

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



894D2F



745820



586123

# Triad

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



745820



006B71



784C81

# Complementary

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



745820



203C74

# 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.



505893



745820



00688A

# Square

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



745820



006A53



006296



8E4466

# Rectangle

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



745820



42662F



006296



6D5088



# Sweetspot

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



745820



968B75



74203C



4D4639



CCCCCC



4D4D4D



# Same Dimension

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



745820



966B14



667420



3B3935



7A5200



FAA700



# Inverse Universe

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



203C74



143F96



2E2074



35373B



00297A



0053FA



# Previews

## White Background



This preview shows how the Hex color 745820 looks on a white background.

## Color Contrast Check

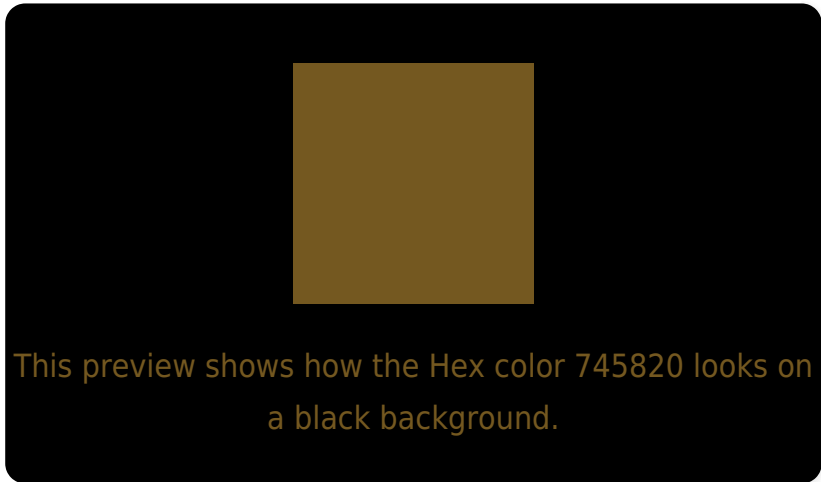
Large Text (above 18pt) WCAG AA ✓ Pass

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 745820 Background



This preview shows how black text looks on a background with the Hex color 745820.



This preview shows how white text looks on a background with the Hex color 745820.

# 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**  
745820

**Protanopia**  
685D21

**Deuteranopia**  
745820



**Tritanopia**  
785259

# Trichromacy



**Original Color**  
745820

**Protanomaly**  
6C5B21

**Deuteranomaly**  
745820

**Tritanomaly**  
775444

# Monochromacy



**Original Color**  
745820

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
635945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745820 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 #745820 looks like.

```
.text, #text, p{  
    color:#745820  
}
```

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 #745820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745820
}
```

## Border

The CSS property to change the border of an element to Hex 745820 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
#745820 }
```

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

```
.border{ border-color:#745820 }
```

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

Here you see how a box with a 4 pixel #745820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745820; -webkit-box-shadow:4px 4px  
4px 4px #745820; box-shadow:4px 4px 4px  
4px #745820 }
```

# Background

The CSS property to change the background color of an element to Hex 745820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745820 }
```

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

```
.background{ background-color:#745820 }
```

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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