

# Converting Colors

Hex(745E20)

Have a look what the booklet for  
Hex(745E20) contains.

<b>Hex(745E20)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(745E20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745E20
RGB	116, 94, 32
RGB Percent	45%, 37%, 13%
CMY	0.5451, 0.6314, 0.8745
CMYK	0.00, 0.19, 0.72, 0.55
HSL	44°, 57%, 29%
HSV	44°, 72%, 45%
XYZ	11.4659, 11.8227, 3.0442
YIQ	93.5100, 33.0140, -14.6180

# Conversions

## Conversions Part 2

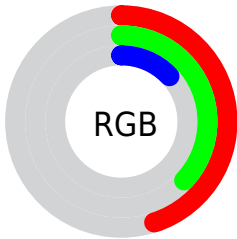
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 116, 32
Decimal	7626272
CIE Lab	40.93, 1.65, 37.46
CIE LCh	41, 37.495, 87.472
Yxy	11.8227, 0.4354, 0.4490
Android (android.graphics.Color)	4285816352 (0xFF745E20)
YUV	93.5100, -30.3244, 19.7237
Hunter-Lab	34.3841, -0.6489, 18.8197

# Details

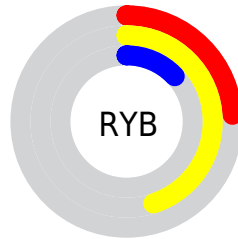
The Hex color **745E20** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **203674**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AB9050**, and **413000** is the 20% darker color. If you saturate the color by 10%, you get **745B14**, and if you desaturate by 10%, it is **74612C**.

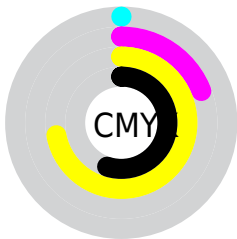
# Distribution



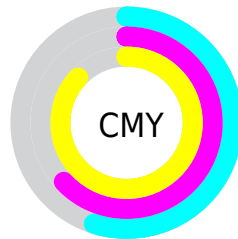
- Red (45%)
- Green (37%)
- Blue (13%)



- Red (24%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (19%)
- Yellow (72%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745E20 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 745E20 by changing the saturation by 10% instead.





745E20



745E20

FFFFFF



5A4706



AB9050



413000



C7AB69



281C00



E4C683



0A0200



FFE29D



000000



FFFE8



FFFD4



FFFF1



745E20



745E20

■ 745B14

■ 74612C

■ 745809

■ 746437

■ 745600

■ 746743

■ 746A4E

■ 746D5A

■ 747066

■ 747371

■ 74767D

■ 747988

# Harmonies

## Analogous

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



8B532D



745E20



566727

# Triad

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



745E20



006F7C



844D82

# Complementary

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



745E20



203674

# 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.



5E5997



745E20



006C94

# Square

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



745E20



00705D



12659E



974664

# Rectangle

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



745E20



3D6B35



12659E



79518A



# Sweetspot

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



745E20



968E75



742036



4D4739



CCCCCC



4D4D4D



# Same Dimension

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



745E20



967414



607420



3B3935



7A5A00



FAB800



# Inverse Universe

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



203674



143696



342074



35363B



00207A



0041FA



# Previews

## White Background



This preview shows how the Hex color 745E20 looks on a white background.

## Color Contrast Check

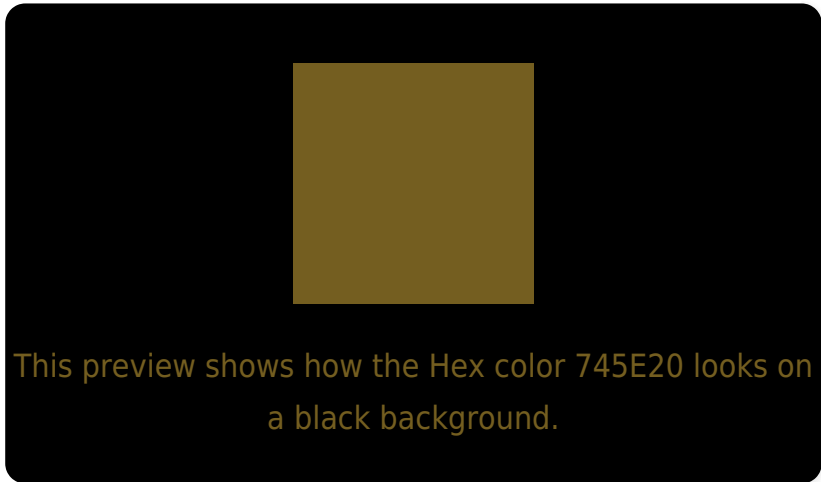
Large Text (above 18pt) WCAG AA ✓ Pass

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 745E20 Background



This preview shows how black text looks on a background with the Hex color 745E20.



This preview shows how white text looks on a background with the Hex color 745E20.

# 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**  
745E20

**Protanopia**  
6C6121

**Deuteranopia**  
795C21



**Tritanopia**  
79585F

# Trichromacy



**Original Color**  
745E20

**Protanomaly**  
6F6021

**Deuteranomaly**  
775D21

**Tritanomaly**  
775A48

# Monochromacy



**Original Color**  
745E20

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
665E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745E20 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 #745E20 looks like.

```
.text, #text, p{  
    color:#745E20  
}
```

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 #745E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745E20
}
```

## Border

The CSS property to change the border of an element to Hex 745E20 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
#745E20 }
```

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

```
.border{ border-color:#745E20 }
```

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

Here you see how a box with a 4 pixel #745E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745E20; -webkit-box-shadow:4px 4px  
4px 4px #745E20; box-shadow:4px 4px 4px  
4px #745E20 }
```

# Background

The CSS property to change the background color of an element to Hex 745E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745E20 }
```

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

```
.background{ background-color:#745E20 }
```

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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