

# Converting Colors

Hex(775314)

Have a look what the booklet for  
Hex(775314) contains.

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**Color**

**Hex(775314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	775314
RGB	119, 83, 20
RGB Percent	47%, 33%, 8%
CMY	0.5333, 0.6745, 0.9216
CMYK	0.00, 0.30, 0.83, 0.53
HSL	38°, 71%, 27%
HSV	38°, 83%, 47%
XYZ	10.8273, 10.1590, 2.0520
YIQ	86.5820, 41.6790, -11.9610

# Conversions

## Conversions Part 2

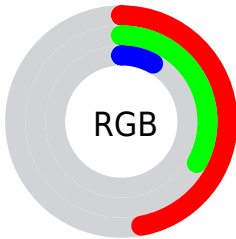
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 119, 20
Decimal	7820052
CIE Lab	38.13, 9.08, 40.10
CIE LCh	38, 41.112, 77.244
Yxy	10.1590, 0.4700, 0.4410
Android (android.graphics.Color)	4286010132 (0xFF775314)
YUV	86.5820, -32.8249, 28.4306
Hunter-Lab	31.8731, 4.8583, 18.4940

# Details

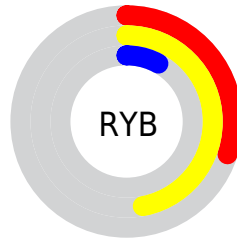
The Hex color **775314** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **143877**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AF8445**, and **422600** is the 20% darker color. If you saturate the color by 10%, you get **774F08**, and if you desaturate by 10%, it is **775720**.

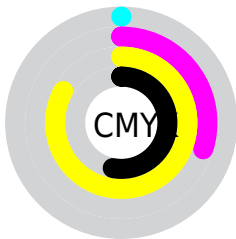
# Distribution



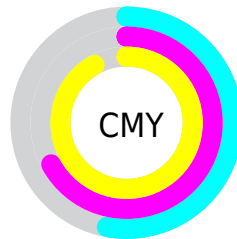
- Red (47%)
- Green (33%)
- Blue (8%)



- Red (30%)
- Yellow (47%)
- Blue (8%)



- Cyan (0%)
- Magenta (30%)
- Yellow (83%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 775314 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 775314 by changing the saturation by 10% instead.





775314



775314

FFFFFF



5C3C00



AF8445



422600



CC9E5D



291200



E9B977



030000



FFD591



000000



FFF1AC



FFFFC8



FFFFE4



775314



775314

■ 774F08

■ 775720

■ 774C00

■ 775C2C

■ 776038

■ 776444

■ 77694F

■ 776D5B

■ 777167

■ 777673

■ 777A7F

# Harmonies

## Analogous

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



8D462A



775314



595E13

# Triad

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



775314



006A6C



744987

# Complementary

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



775314



143877

# 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.



3F5799



775314



00688A

# Square

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



775314



00694A



00629B



8F3D69

# Rectangle

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



775314



406321



00629B



664D8F



# Sweetspot

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



775314



9C8D75



771438



4F4637



CFCFCF



4F4F4F



# Same Dimension

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



775314



9C6300



6A7714



3B3935



7A4E00



FA9F00



# Inverse Universe

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



143877



00399C



211477



35373B



002D7A



005BFA



# Previews

## White Background



This preview shows how the Hex color 775314 looks on a white background.

## Color Contrast Check

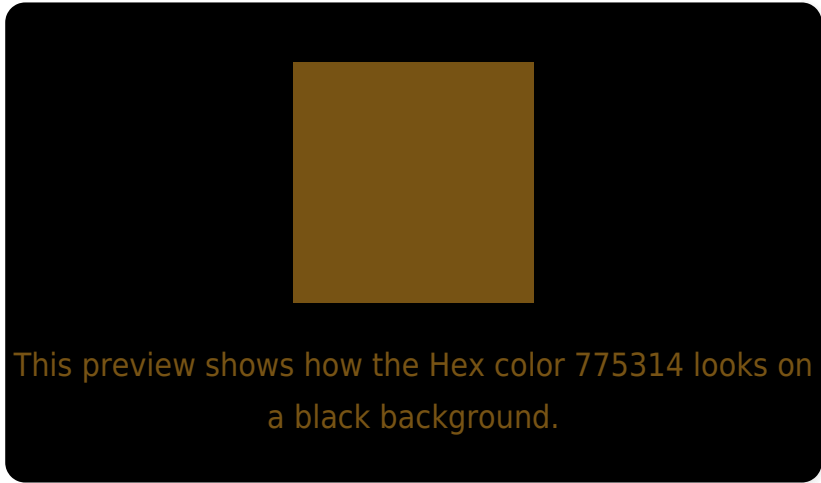
Large Text (above 18pt) WCAG AA ✓ Pass

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

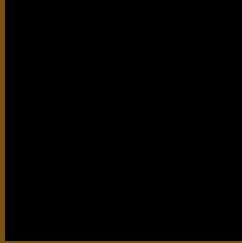
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 775314 Background



This preview shows how black text looks on a background with the Hex color 775314.



This preview shows how white text looks on a background with the Hex color 775314.

# 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**  
775314

**Protanopia**  
655A16

**Deuteranopia**  
725613



**Tritanopia**  
7B4D53

# Trichromacy



**Original Color**  
775314

**Protanomaly**  
6C5715

**Deuteranomaly**  
745513

**Tritanomaly**  
7A4F3C

# Monochromacy



**Original Color**  
775314

**Achromatopsia**  
575757

**Achromatomaly**  
63563F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 775314 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 #775314 looks like.

```
.text, #text, p{  
    color:#775314  
}
```

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 #775314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #775314
}
```

## Border

The CSS property to change the border of an element to Hex 775314 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
#775314 }
```

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

```
.border{ border-color:#775314 }
```

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

Here you see how a box with a 4 pixel #775314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #775314; -webkit-box-shadow:4px 4px  
4px 4px #775314; box-shadow:4px 4px 4px  
4px #775314 }
```

# Background

The CSS property to change the background color of an element to Hex 775314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#775314 }
```

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

```
.background{ background-color:#775314 }
```

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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