

# Converting Colors

Hex(7B4214)

Have a look what the booklet for  
Hex(7B4214) contains.

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**Color**

**Hex(7B4214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4214
RGB	123, 66, 20
RGB Percent	48%, 26%, 8%
CMY	0.5176, 0.7412, 0.9216
CMYK	0.00, 0.46, 0.84, 0.52
HSL	27°, 72%, 28%
HSV	27°, 84%, 48%
XYZ	10.2429, 8.1579, 1.6966
YIQ	77.7990, 48.7380, -2.2220

# Conversions

## Conversions Part 2

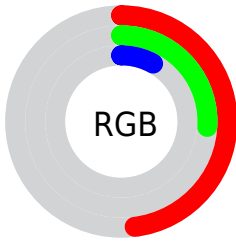
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 103, 20
Decimal	8077844
CIELab	34.31, 21.09, 36.79
CIElCh	34, 42.402, 60.178
Yxy	8.1579, 0.5097, 0.4059
Android (android.graphics.Color)	4286267924 (0xFF7B4214)
YUV	77.7990, -28.4949, 39.6413
Hunter-Lab	28.5620, 14.0298, 16.4716

# Details

The Hex color **7B4214** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **144D7B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B47343**, and **441500** is the 20% darker color. If you saturate the color by 10%, you get **7B3B08**, and if you desaturate by 10%, it is **7B4920**.

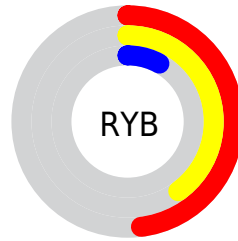
# Distribution



Red (48%)

Green (26%)

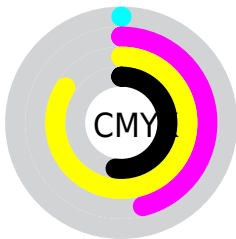
Blue (8%)



Red (48%)

Yellow (40%)

Blue (8%)

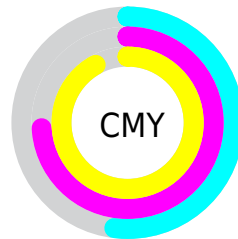


Cyan (0%)

Magenta (46%)

Yellow (84%)

Black (52%)



Cyan (52%)

Magenta (74%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4214 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 7B4214 by changing the saturation by 10% instead.



 7B4214

 7B4214

FFFFFFD

 602B00

 B47343

 441500

 D18C5B

 2B0000

 EFA774

 000000

 FFC28E

 FFDEA9

 FFFBC4

 FFFFEO

 7B4214

 7B4214

■ 7B3B08

■ 7B4920

■ 7B3700

■ 7B502D

■ 7B5639

■ 7B5D45

■ 7B6452

■ 7B6B5E

■ 7B726A

■ 7B7876

■ 7B7F83

# Harmonies

## Analogous

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



8B3431



7B4214



614F01

# Triad

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



7B4214



006050



50488B

# Complementary

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



7B4214



144D7B

# 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.



005594



7B4214



006072

# Square

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



7B4214



005E2D



005D8B



793873

# Rectangle

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



7B4214



4C5606



005D8B



3A4C90



# Sweetspot

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



7B4214



A18A78



7B144E



524439



D1D1D1



525252



# Same Dimension

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



7B4214



A14800



7B7414



3D3A37



7D3800



FC7100



# Inverse Universe

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



144D7B



0059A1



141B7B



373A3D



00457D



008CFC



# Previews

## White Background



This preview shows how the Hex color 7B4214 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

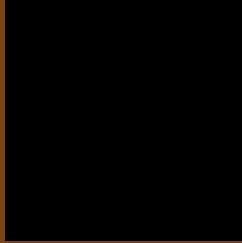
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B4214 Background



This preview shows how black text looks on a background with the Hex color 7B4214.



This preview shows how white text looks on a background with the Hex color 7B4214.

# 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**  
7B4214

**Protanopia**  
5B5218

**Deuteranopia**  
674D0E



**Tritanopia**  
7D3E42

# Trichromacy



**Original Color**  
7B4214

**Protanomaly**  
674C17

**Deuteranomaly**  
6E4910

**Tritanomaly**  
7C3F31

# Monochromacy



**Original Color**  
7B4214

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5E4A39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4214 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 #7B4214 looks like.

```
.text, #text, p{  
    color:#7B4214  
}
```

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 #7B4214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4214
}
```

## Border

The CSS property to change the border of an element to Hex 7B4214 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
#7B4214 }
```

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

```
.border{ border-color:#7B4214 }
```

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

Here you see how a box with a 4 pixel #7B4214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4214; -webkit-box-shadow:4px 4px  
4px 4px #7B4214; box-shadow:4px 4px 4px  
4px #7B4214 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4214 }
```

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

```
.background{ background-color:#7B4214 }
```

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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