

# Converting Colors

Hex(7B7414)

Have a look what the booklet for  
Hex(7B7414) contains.

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**Color**

**Hex(7B7414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7414
RGB	123, 116, 20
RGB Percent	48%, 45%, 8%
CMY	0.5176, 0.5451, 0.9216
CMYK	0.00, 0.06, 0.84, 0.52
HSL	56°, 72%, 28%
HSV	56°, 84%, 48%
XYZ	14.5400, 16.7522, 3.1290
YIQ	107.1490, 34.9880, -28.3720

# Conversions

## Conversions Part 2

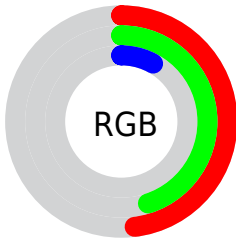
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 123, 20
Decimal	8090644
CIE <sub>Lab</sub>	47.95, -8.22, 48.99
CIE <sub>LCh</sub>	48, 49.677, 99.524
Yxy	16.7522, 0.4224, 0.4867
Android (android.graphics.Color)	4286280724 (0xFF7B7414)
YUV	107.1490, -42.9645, 13.9013
Hunter-Lab	40.9295, -8.2152, 24.1180

# Details

The Hex color **7B7414** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **141B7B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B2A84A**, and **474400** is the 20% darker color. If you saturate the color by 10%, you get **7B7308**, and if you desaturate by 10%, it is **7B7520**.

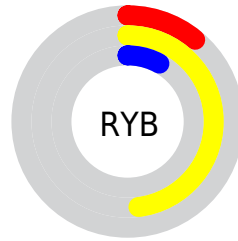
# Distribution



Red (48%)

Green (45%)

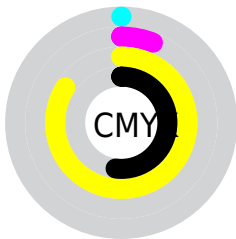
Blue (8%)



Red (11%)

Yellow (48%)

Blue (8%)

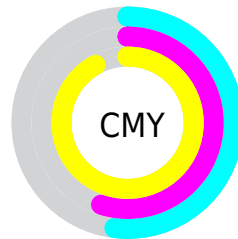


Cyan (0%)

Magenta (6%)

Yellow (84%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7414 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 7B7414 by changing the saturation by 10% instead.



 7B7414

 7B7414

FFFFFF

 605C00

 B2A84A

 474400

 CFC363

 2D2E00

 ECDF7E

 141A00

 FFFB98

 000000

 FFFFB4

 FFFF00

FFFFD0

 FFFFED

FFFFED

 7B7414

 7B7414

■ 7B7308

■ 7B7520

■ 7B7300

■ 7B762D

■ 7B7739

■ 7B7745

■ 7B7852

■ 7B795E

■ 7B7A6A

■ 7B7B76

■ 7B7C83

# Harmonies

## Analogous

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



9F651F



7B7414



4E7E2C

# Triad

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



7B7414



0084A6



AE5090

# Complementary

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



7B7414



141B7B

# 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.



8561B3



7B7414



007EC0

# Square

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



7B7414



00867E



3272C5



BE4A66

# Rectangle

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



7B7414



1C8245



3272C5



A4559D



# Sweetspot

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



7B7414



A19E78



7B141D



525039



D1D1D1



525252



# Same Dimension

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



7B7414



A19600



507B14



3D3D37



7D7400



FCEB00



# Inverse Universe

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



141B7B



000BA1



3F147B



37373D



00087D



0011FC



# Previews

## White Background



This preview shows how the Hex color 7B7414 looks on a white background.

## Color Contrast Check

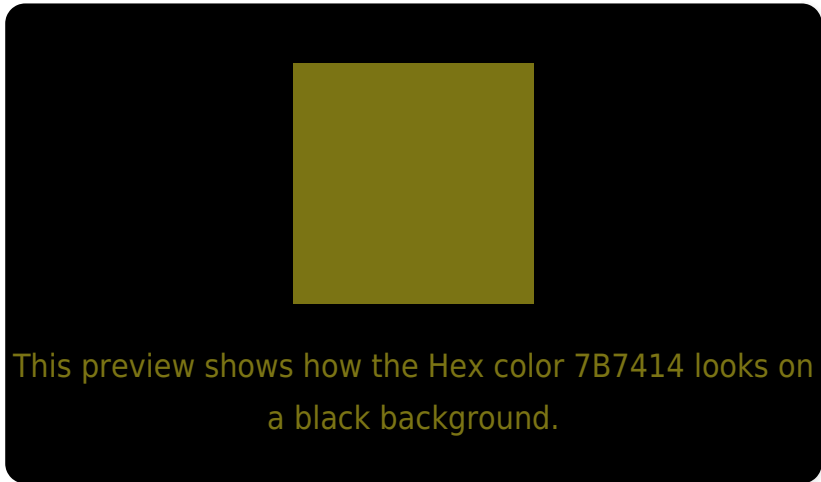
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B7414 Background



This preview shows how black text looks on a background with the Hex color 7B7414.



This preview shows how white text looks on a background with the Hex color 7B7414.

# 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**


7B7414

**Protanopia**

807213

**Deuteranopia**

8F6C19



**Tritanopia**  
826C74

# Trichromacy



**Original Color**  
7B7414

**Protanomaly**  
7E7313

**Deuteranomaly**  
886F17

**Tritanomaly**  
7F6F51

# Monochromacy



**Original Color**  
7B7414

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
716E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7414 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 #7B7414 looks like.

```
.text, #text, p{  
    color:#7B7414  
}
```

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 #7B7414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7414
}
```

## Border

The CSS property to change the border of an element to Hex 7B7414 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
#7B7414 }
```

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

```
.border{ border-color:#7B7414 }
```

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

Here you see how a box with a 4 pixel #7B7414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7414; -webkit-box-shadow:4px 4px  
4px 4px #7B7414; box-shadow:4px 4px 4px  
4px #7B7414 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7414 }
```

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

```
.background{ background-color:#7B7414 }
```

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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