

# Converting Colors

Hex(7B5D21)

Have a look what the booklet for  
Hex(7B5D21) contains.

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**Color**

**Hex(7B5D21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B5D21
RGB	123, 93, 33
RGB Percent	48%, 36%, 13%
CMY	0.5176, 0.6353, 0.8706
CMYK	0.00, 0.24, 0.73, 0.52
HSL	40°, 58%, 31%
HSV	40°, 73%, 48%
XYZ	12.3572, 12.1495, 3.1326
YIQ	95.1300, 37.1400, -12.3000

# Conversions

## Conversions Part 2

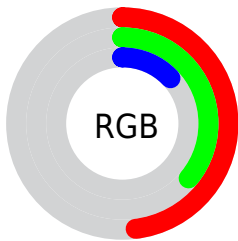
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 123, 33
Decimal	8084769
CIE Lab	41.45, 5.66, 37.77
CIE LCh	41, 38.194, 81.483
Yxy	12.1495, 0.4471, 0.4396
Android (android.graphics.Color)	4286274849 (0xFF7B5D21)
YUV	95.1300, -30.6301, 24.4420
Hunter-Lab	34.8561, 2.2840, 19.0707

# Details

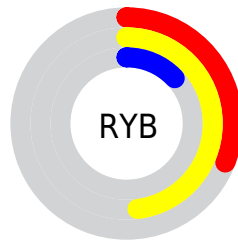
The Hex color **7B5D21** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **213F7B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B28F51**, and **472F00** is the 20% darker color. If you saturate the color by 10%, you get **7B5915**, and if you desaturate by 10%, it is **7B612D**.

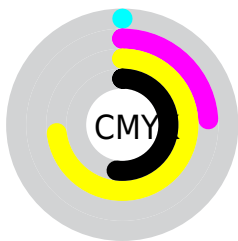
# Distribution



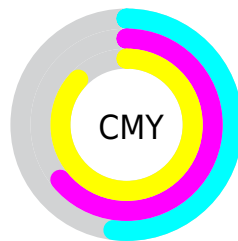
- Red (48%)
- Green (36%)
- Blue (13%)



- Red (31%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5D21 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 7B5D21 by changing the saturation by 10% instead.



 7B5D21

 7B5D21

FFFFFF

 604607

 B28F51

 472F00

 CFA96A

 2D1B00

 ECC584

 140100

 FFE19E

 000000

 FFFDBA

 FFFFD5

 FFFFF2

 7B5D21

 7B5D21

■ 7B5915

■ 7B612D

■ 7B5508

■ 7B653A

■ 7B5200

■ 7B6946

■ 7B6D52

■ 7B725F

■ 7B766B

■ 7B7A77

■ 7B7E83

■ 7B8290

# Harmonies

## Analogous

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



915131



7B5D21



5D6724

# Triad

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



7B5D21



007178



805089

# Complementary

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



7B5D21



213F7B

# 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.



545D9C



7B5D21



006E92

# Square

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



7B5D21



007157



0068A0



97476C

# Rectangle

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



7B5D21



456C31



0068A0



745591



# Sweetspot

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



7B5D21



A1957D



7B213F



524B3C



D1D1D1



525252



# Same Dimension

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



7B5D21



A17213



6C7B21



3D3B37



7D5300



FCA800



# Inverse Universe

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



213F7B



1342A1



30217B



37393D



002A7D



0054FC



# Previews

## White Background



This preview shows how the Hex color 7B5D21 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 7B5D21 Background



This preview shows how black text looks on a background with the Hex color 7B5D21.



This preview shows how white text looks on a background with the Hex color 7B5D21.

# 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**

7B5D21

**Protanopia**

6E6222

**Deuteranopia**

7B5D21



**Tritanopia**  
7F575E

# Trichromacy



**Original Color**  
7B5D21

**Protanomaly**  
736022

**Deuteranomaly**  
7B5D21

**Tritanomaly**  
7E5948

# Monochromacy



**Original Color**  
7B5D21

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
695E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5D21 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 #7B5D21 looks like.

```
.text, #text, p{  
    color:#7B5D21  
}
```

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 #7B5D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5D21
}
```

## Border

The CSS property to change the border of an element to Hex 7B5D21 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
#7B5D21 }
```

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

```
.border{ border-color:#7B5D21 }
```

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

Here you see how a box with a 4 pixel #7B5D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5D21; -webkit-box-shadow:4px 4px  
4px 4px #7B5D21; box-shadow:4px 4px 4px  
4px #7B5D21 }
```

# Background

The CSS property to change the background color of an element to Hex 7B5D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5D21 }
```

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

```
.background{ background-color:#7B5D21 }
```

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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