

# Converting Colors

Hex(7C8308)

Have a look what the booklet for  
Hex(7C8308) contains.

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**Color**

**Hex(7C8308)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C8308
RGB	124, 131, 8
RGB Percent	49%, 51%, 3%
CMY	0.5137, 0.4863, 0.9686
CMYK	0.05, 0.00, 0.94, 0.49
HSL	63°, 88%, 27%
HSV	63°, 94%, 51%
XYZ	16.4723, 20.5352, 3.3252
YIQ	114.8850, 35.3110, -39.7370

# Conversions

## Conversions Part 2

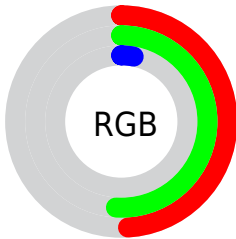
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 131, 15
Decimal	8160008
CIE Lab	52.44, -16.22, 55.48
CIE LCh	52, 57.802, 106.296
Yxy	20.5352, 0.4084, 0.5091
Android (android.graphics.Color)	4286350088 (0xFF7C8308)
YUV	114.8850, -52.6943, 7.9939
Hunter-Lab	45.3158, -14.4178, 27.3704

# Details

The Hex color **7C8308** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0F0883**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B4B846**, and **475200** is the 20% darker color. If you saturate the color by 10%, you get **7C8300**, and if you desaturate by 10%, it is **7D8315**.

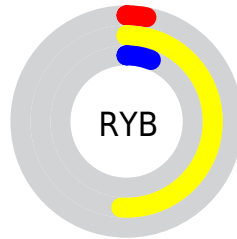
# Distribution



Red (49%)

Green (51%)

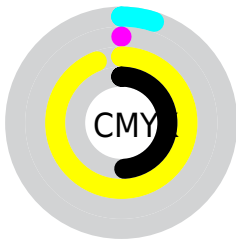
Blue (3%)



Red (3%)

Yellow (51%)

Blue (6%)

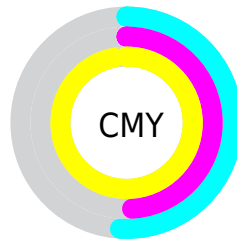


Cyan (5%)

Magenta (0%)

Yellow (94%)

Black (49%)



Cyan (51%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8308 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 7C8308 by changing the saturation by 10% instead.



 7C8308

 7C8308

FFFFFF

 616A00

 B4B846

 475200

 D0D361

 2D3B00

 EEF07B

 142500

 FFFF97

 001000

 FFFFB2

 000000

 FFFFCE

 FFFFEB

 7C8308

 7C8308

■ 7C8300

■ 7D8315

■ 7D8322

■ 7E832F

■ 7F833C

■ 808349

■ 808357

■ 818364

■ 828371

■ 83837E

# Harmonies

## Analogous

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



A8720F



7C8308



408D33

# Triad

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



7C8308



0092C4



CB4F96

# Complementary

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



7C8308



0F0883

# 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.



A163C2



7C8308



0089DE

# Square

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



7C8308



009498



4C79DD



D64D64

# Rectangle

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



7C8308



009253



4C79DD



C155A6



# Sweetspot

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



7C8308



A8AB7B



830E08



555739



D6D6D6



575757



# Same Dimension

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



7C8308



A1AB00



3F8308



42423C



7B8200



020300



# Inverse Universe

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



0F0883



0A00AB



4C0883



3C3C42



070082



000003



# Previews

## White Background



This preview shows how the Hex color 7C8308 looks on a white background.

## Color Contrast Check

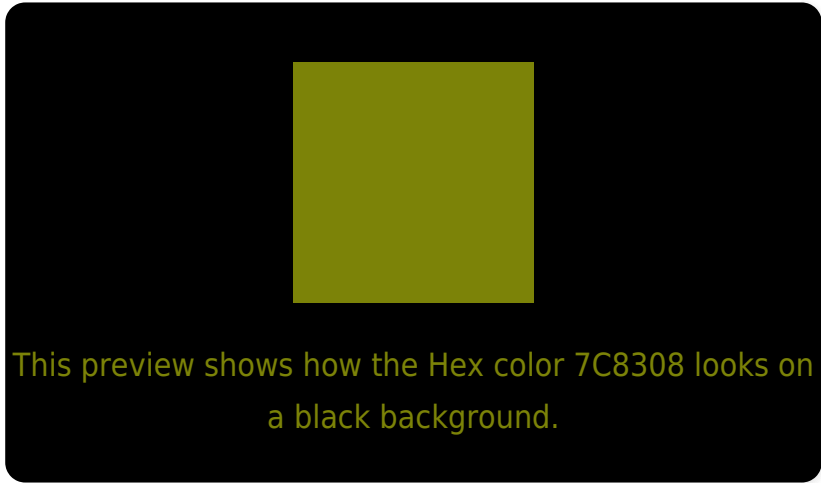
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex 7C8308 Background



This preview shows how black text looks on a background with the Hex color 7C8308.



This preview shows how white text looks on a background with the Hex color 7C8308.

# 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](#).

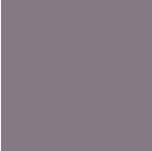
## Dichromacy



**Original Color**  
7C8308

**Protanopia**  
8D7D02

**Deuteranopia**  
9E7716



**Tritanopia**  
857A83

# Trichromacy



**Original Color**  
7C8308

**Protanomaly**  
877F04

**Deuteranomaly**  
927B11

**Tritanomaly**  
827D56

# Monochromacy



**Original Color**  
7C8308

**Achromatopsia**  
737373

**Achromatomaly**  
76794C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8308 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 #7C8308 looks like.

```
.text, #text, p{  
    color:#7C8308  
}
```

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 #7C8308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8308
}
```

## Border

The CSS property to change the border of an element to Hex 7C8308 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
#7C8308 }
```

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

```
.border{ border-color:#7C8308 }
```

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

Here you see how a box with a 4 pixel #7C8308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8308; -webkit-box-shadow:4px 4px  
4px 4px #7C8308; box-shadow:4px 4px 4px  
4px #7C8308 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8308 }
```

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

```
.background{ background-color:#7C8308 }
```

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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