

# Converting Colors

Hex(7D1312)

Have a look what the booklet for  
Hex(7D1312) contains.

<b>Hex(7D1312)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7D1312)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D1312
RGB	125, 19, 18
RGB Percent	49%, 7%, 7%
CMY	0.5098, 0.9255, 0.9294
CMYK	0.00, 0.85, 0.86, 0.51
HSL	1°, 75%, 28%
HSV	1°, 86%, 49%
XYZ	8.7995, 4.8694, 1.0484
YIQ	50.5800, 63.4970, 22.1610

# Conversions

## Conversions Part 2

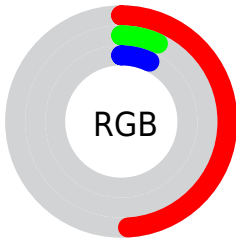
Format	Color
<b>R<sub>YB</sub></b>	125, 19, 18
Decimal	8196882
CIE Lab	26.36, 43.61, 30.49
CIE LCh	26, 53.207, 34.956
Yxy	4.8694, 0.5979, 0.3309
Android (android.graphics.Color)	4286386962 (0xFF7D1312)
YUV	50.5800, -16.0619, 65.2663
Hunter-Lab	22.0667, 32.5634, 12.6299

# Details

The Hex color **7D1312** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **127C7D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B84A3D**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7D0706**, and if you desaturate by 10%, it is **7D1F1F**.

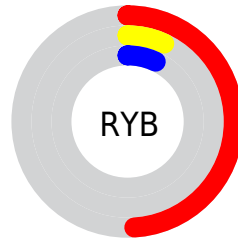
# Distribution



Red (49%)

Green (7%)

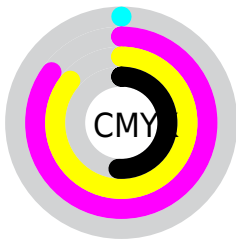
Blue (7%)



Red (49%)

Yellow (7%)

Blue (7%)

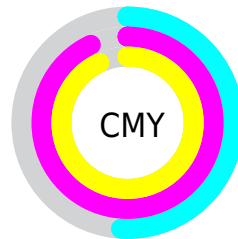


Cyan (0%)

Magenta (85%)

Yellow (86%)

Black (51%)



Cyan (51%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D1312 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 7D1312 by changing the saturation by 10% instead.



 7D1312

 7D1312

 FFFFF4

 600000

 B84A3D

 430000

 D76555

 290001

 F57F6D

 000000

 FF9A87

 FFB6A1

 FFD2BC

 FFEFD8

 7D1312

 7D1312

■ 7D0706

■ 7D1F1F

■ 7D0100

■ 7D2C2B

■ 7D3838

■ 7D4544

■ 7D5151

■ 7D5D5D

■ 7D6A6A

■ 7D7676

■ 7D8283

# Harmonies

## Analogous

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



83003A



7D1312



682E00

# Triad

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



7D1312



004D19



004290

# Complementary

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



7D1312



127C7D

# 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.



004B88



7D1312



004F44

# Square

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



7D1312



1B4800



004F6C



433082

# Rectangle

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



7D1312



533A00



004F6C



004690



# Sweetspot

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



7D1312



A37979



7D127D



523938



D1D1D1



525252



# Same Dimension

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



7D1312



A30200



7D4812



403939



800100



000000



# Inverse Universe

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



127C7D



00A2A3



12487D



394040



007E80



000000



# Previews

## White Background



This preview shows how the Hex color 7D1312 looks on a white background.

## Color Contrast Check

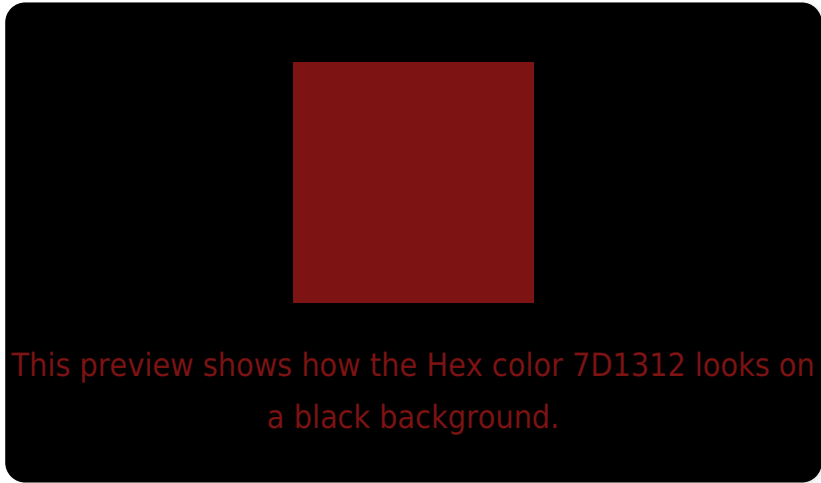
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D1312 Background



This preview shows how black text looks on a background with the Hex color 7D1312.



This preview shows how white text looks on a background with the Hex color 7D1312.

# 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



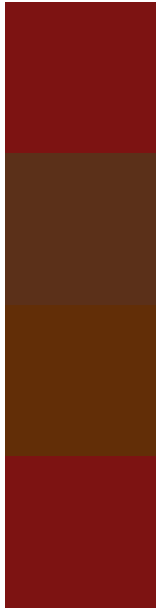
**Original Color**  
7D1312

**Protanopia**  
48411D

**Deuteranopia**  
523D00



# Trichromacy



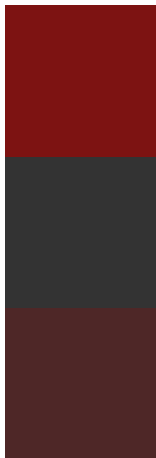
**Original Color**  
7D1312

**Protanomaly**  
5B3019

**Deuteranomaly**  
622E07

**Tritanomaly**  
7D1312

# Monochromacy



**Original Color**  
7D1312

**Achromatopsia**  
333333

**Achromatomaly**  
4E2727

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D1312 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 #7D1312 looks like.

```
.text, #text, p{  
    color:#7D1312  
}
```

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 #7D1312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D1312
}
```

## Border

The CSS property to change the border of an element to Hex 7D1312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

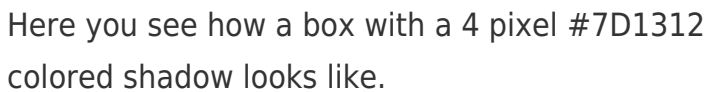
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D1312 }
```

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

```
.border{ border-color:#7D1312 }
```

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



Here you see how a box with a 4 pixel #7D1312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D1312; -webkit-box-shadow:4px 4px  
4px 4px #7D1312; box-shadow:4px 4px 4px  
4px #7D1312 }
```

# Background

The CSS property to change the background color of an element to Hex 7D1312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D1312 }
```

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

```
.background{ background-color:#7D1312 }
```

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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