

Converting Colors

Hex(817612)

Have a look what the booklet for
Hex(817612) contains.

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Color

Hex(817612)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 817612 |
| RGB | 129, 118, 18 |
| RGB Percent | 51%, 46%, 7% |
| CMY | 0.4941, 0.5373, 0.9294 |
| CMYK | 0.00, 0.09, 0.86, 0.49 |
| HSL | 54°, 76%, 29% |
| HSV | 54°, 86%, 51% |
| XYZ | 15.6409, 17.6677, 3.1581 |
| YIQ | 109.8890, 38.6560, -28.7680 |

Conversions

Conversions Part 2

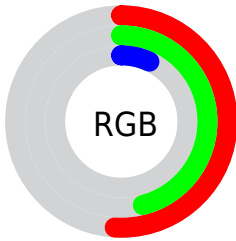
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 129, 18 |
| Decimal | 8484370 |
| CIE Lab | 49.09, -6.57, 50.78 |
| CIE LCh | 49, 51.198, 97.369 |
| Yxy | 17.6677, 0.4289, 0.4845 |
| Android (android.graphics.Color) | 4286674450 (0xFF817612) |
| YUV | 109.8890, -45.3013, 16.7603 |
| Hunter-Lab | 42.0329, -7.1360, 24.9683 |

Details

The Hex color **817612** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **121D81**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B9AA49**, and **4C4600** is the 20% darker color. If you saturate the color by 10%, you get **817505**, and if you desaturate by 10%, it is **81771F**.

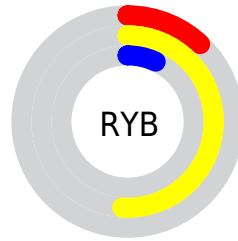
Distribution



Red (51%)

Green (46%)

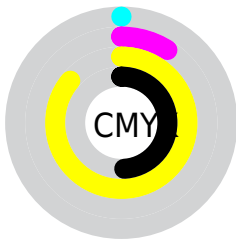
Blue (7%)



Red (12%)

Yellow (51%)

Blue (7%)

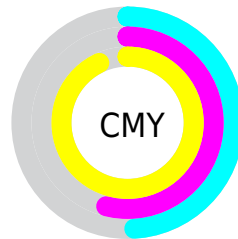


Cyan (0%)

Magenta (9%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (54%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 817612 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 817612 by changing the saturation by 10% instead.



817612



817612

FFFFFF



665E00



B9AA49



4C4600



D6C563



323000



F3E17D



1A1B00



FFFD98



000000



FFFFB3



FFFFD0



FFFFEC



817612



817612

■ 817505

■ 81771F

■ 817400

■ 81792C

■ 817A39

■ 817B46

■ 817C53

■ 817E5F

■ 817F6C

■ 818079

■ 818286

Harmonies

Analogous

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



A56621



817612



53812A

Triad

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



817612



0088A8



B15297

Complementary

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



817612



121D81

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.



8464BA



817612



0082C4

Square

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



817612



00897E



2476CB



C34B6C

Rectangle

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



817612



238543



2476CB



A558A4

Sweetspot

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



817612



A8A47D



81121D



54523A



D4D4D4



545454

Same Dimension

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



817612



A89800



558112



403F39



807300



000000

Inverse Universe

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



121D81



0011A8



3E1281



393A40



000D80



000000

Previews

White Background



This preview shows how the Hex color 817612 looks on a white background.

Color Contrast Check

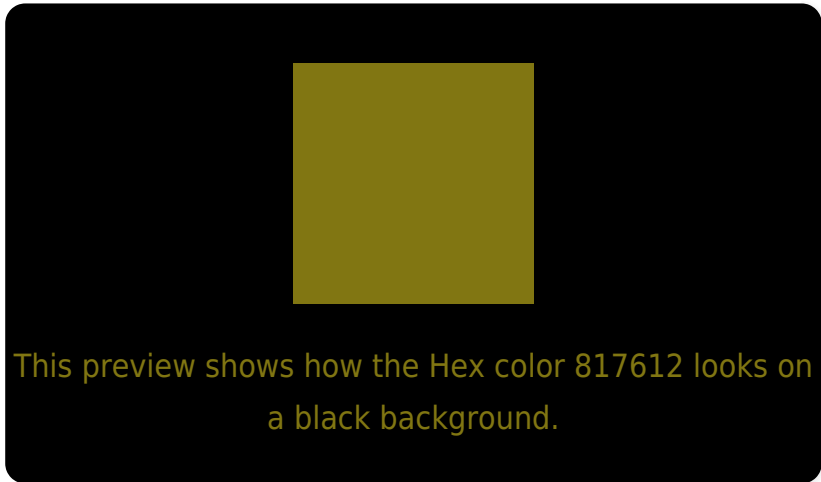
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 817612 Background



This preview shows how black text looks on a background with the Hex color 817612.



This preview shows how white text looks on a background with the Hex color 817612.

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
817612

Protanopia
847512

Deuteranopia
936F17



Tritanopia
886E76

Trichromacy



Original Color
817612

Protanomaly
837512

Deuteranomaly
8C7215

Tritanomaly
857152

Monochromacy



Original Color
817612

Achromatopsia
6E6E6E

Achromatomaly
75714D

CSS Examples

Text

The CSS property to change the color of the text to Hex 817612 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 #817612 looks like.

```
.text, #text, p{  
  color:#817612  
}
```

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 #817612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817612
}
```

Border

The CSS property to change the border of an element to Hex 817612 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
#817612 }
```

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

```
.border{ border-color:#817612 }
```

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

Here you see how a box with a 4 pixel #817612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817612; -webkit-box-shadow:4px 4px  
4px 4px #817612; box-shadow:4px 4px 4px  
4px #817612 }
```

Background

The CSS property to change the background color of an element to Hex 817612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817612 }
```

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

```
.background{ background-color:#817612 }
```

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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