

Converting Colors

Hex(816D12)

Have a look what the booklet for
Hex(816D12) contains.

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Color

Hex(816D12)

Conversions

Conversions Part 1

Format	Color
Hex	816D12
RGB	129, 109, 18
RGB Percent	51%, 43%, 7%
CMY	0.4941, 0.5725, 0.9294
CMYK	0.00, 0.16, 0.86, 0.49
HSL	49°, 76%, 29%
HSV	49°, 86%, 51%
XYZ	14.6311, 15.6481, 2.8215
YIQ	104.6060, 41.1310, -24.0610

Conversions

Conversions Part 2

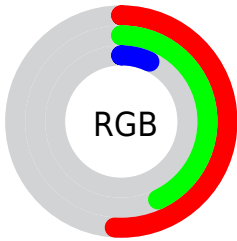
Format	Color
R_{YB}	42, 129, 18
Decimal	8482066
CIE _{Lab}	46.51, -1.47, 48.59
CIE _{LCh}	47, 48.613, 91.732
Yxy	15.6481, 0.4420, 0.4727
Android (android.graphics.Color)	4286672146 (0xFF816D12)
YUV	104.6060, -42.6968, 21.3935
Hunter-Lab	39.5577, -3.2046, 23.4614

Details

The Hex color **816D12** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **122681**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B9A047**, and **4C3E00** is the 20% darker color. If you saturate the color by 10%, you get **816B05**, and if you desaturate by 10%, it is **816F1F**.

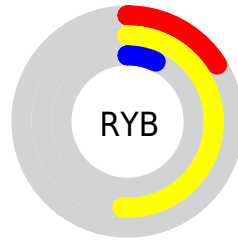
Distribution



Red (51%)

Green (43%)

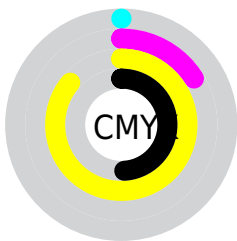
Blue (7%)



Red (16%)

Yellow (51%)

Blue (7%)

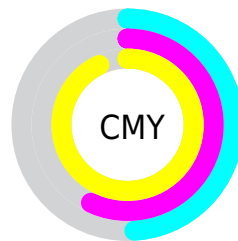


Cyan (0%)

Magenta (16%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816D12 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 816D12 by changing the saturation by 10% instead.



816D12



816D12

FFFFFF



665500



B9A047



4C3E00



D6BB61



322800



F4D77B



191400



FFF396



000000



FFFFB1



FFFPCD



FFFPEA



816D12



816D12

■ 816B05

■ 816F1F

■ 816A00

■ 81722C

■ 817439

■ 817646

■ 817953

■ 817B5F

■ 817D6C

■ 818079

■ 818286

Harmonies

Analogous

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



A15E25



816D12



587822

Triad

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



816D12



008198



A15196

Complementary

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



816D12



122681

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.



7262B4



816D12



007CB6

Square

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



816D12



00826F



0072C0



B6476E

Rectangle

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



816D12



327D39



0072C0



9556A1

Sweetspot

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



816D12



A8A07D



811226



544F3A



D4D4D4



545454

Same Dimension

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



816D12



A88A00



5E8112



403F39



806900



000000

Inverse Universe

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



122681



001EA8



351281



393B40



001780



000000

Previews

White Background



This preview shows how the Hex color 816D12 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 816D12 Background



This preview shows how black text looks on a background with the Hex color 816D12.



This preview shows how white text looks on a background with the Hex color 816D12.

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
816D12

Protanopia
7C6F12

Deuteranopia
8B6915



Tritanopia
87656D

Trichromacy



Original Color
816D12

Protanomaly
7E6E12

Deuteranomaly
876A14

Tritanomaly
85684C

Monochromacy



Original Color
816D12

Achromatopsia
696969

Achromatomaly
726A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 816D12 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 #816D12 looks like.

```
.text, #text, p{  
    color:#816D12  
}
```

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 #816D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816D12
}
```

Border

The CSS property to change the border of an element to Hex 816D12 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
#816D12 }
```

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

```
.border{ border-color:#816D12 }
```

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

Here you see how a box with a 4 pixel #816D12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816D12; -webkit-box-shadow:4px 4px  
4px 4px #816D12; box-shadow:4px 4px 4px  
4px #816D12 }
```

Background

The CSS property to change the background color of an element to Hex 816D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816D12 }
```

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

```
.background{ background-color:#816D12 }
```

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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