

Converting Colors

Hex(86810F)

Have a look what the booklet for
Hex(86810F) contains.

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Color

Hex(86810F)

Conversions

Conversions Part 1

Format	Color
Hex	86810F
RGB	134, 129, 15
RGB Percent	53%, 51%, 6%
CMY	0.4745, 0.4941, 0.9412
CMYK	0.00, 0.04, 0.89, 0.47
HSL	57°, 80%, 29%
HSV	57°, 89%, 53%
XYZ	17.7680, 20.8033, 3.5309
YIQ	117.4990, 39.5740, -34.3940

Conversions

Conversions Part 2

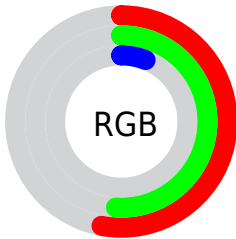
Format	Color
R_{YB}	20, 134, 15
Decimal	8814863
CIE _{Lab}	52.73, -10.37, 54.73
CIE _{LCh}	53, 55.702, 100.732
Yxy	20.8033, 0.4220, 0.4941
Android (android.graphics.Color)	4287004943 (0xFF86810F)
YUV	117.4990, -50.5320, 14.4714
Hunter-Lab	45.6107, -10.2826, 27.3376

Details

The Hex color **86810F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0F1486**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BEB649**, and **515000** is the 20% darker color. If you saturate the color by 10%, you get **868002**, and if you desaturate by 10%, it is **86821C**.

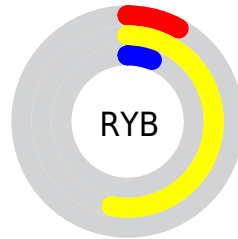
Distribution



Red (53%)

Green (51%)

Blue (6%)



Red (8%)

Yellow (53%)

Blue (6%)

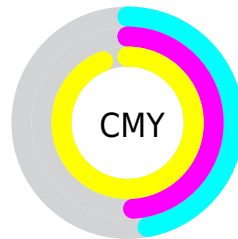


Cyan (0%)

Magenta (4%)

Yellow (89%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86810F 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 86810F by changing the saturation by 10% instead.



86810F



86810F

FFFFFF



6B6800



BEB649



515000



DBD164



363900



F9ED7E



1E2400



FFFF99



001000



FFFFB5



000000



FFFFD1



FFFFEE



86810F



86810F

■ 868002

■ 86821C

■ 868000

■ 86822A

■ 868337

■ 868345

■ 868452

■ 86845F

■ 86856D

■ 86867A

■ 868688

Harmonies

Analogous

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



AF701D



86810F



518C2F

Triad

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



86810F



0093BB



C4569F

Complementary

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



86810F



0F1486

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.



9669C7



86810F



008CD8

Square

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



86810F



00958E



377EDC



D44F6F

Rectangle

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



86810F



0A914D



377EDC



B85BAD

Sweetspot

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



86810F



ADAB7F



860F15



57563B



D6D6D6



575757

Same Dimension

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



86810F



ADA600



50860F



42423C



827D00



030200

Inverse Universe

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



0F1486



0007AD



450F86



3C3C42



000582



000003

Previews

White Background



This preview shows how the Hex color 86810F looks on a white background.

Color Contrast Check

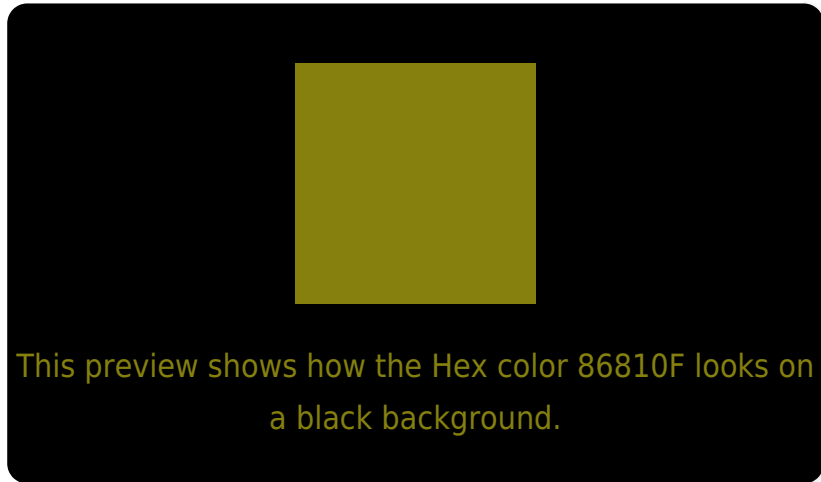
Large Text (above 18pt) WCAG AA ✓ Pass

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

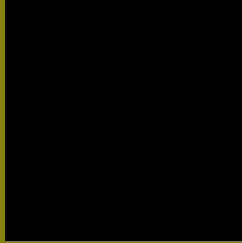
Any Text WCAG AA ✓ Pass

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 86810F Background



This preview shows how black text looks on a background with the Hex color 86810F.



This preview shows how white text looks on a background with the Hex color 86810F.

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
86810F

Protanopia
8E7E0E

Deuteranopia
9F7717



Tritanopia
8E7881

Trichromacy



Original Color
86810F

Protanomaly
8B7F0E

Deuteranomaly
967B14

Tritanomaly
8B7B58

Monochromacy



Original Color
86810F

Achromatopsia
757575

Achromatomaly
7B7950

CSS Examples

Text

The CSS property to change the color of the text to Hex 86810F 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 #86810F looks like.

```
.text, #text, p{  
    color:#86810F  
}
```

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 #86810F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86810F
}
```

Border

The CSS property to change the border of an element to Hex 86810F 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
#86810F }
```

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

```
.border{ border-color:#86810F }
```

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

Here you see how a box with a 4 pixel #86810F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86810F; -webkit-box-shadow:4px 4px  
4px 4px #86810F; box-shadow:4px 4px 4px  
4px #86810F }
```

Background

The CSS property to change the background color of an element to Hex 86810F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86810F }
```

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

```
.background{ background-color:#86810F }
```

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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