

Converting Colors

Hex(856F08)

Have a look what the booklet for
Hex(856F08) contains.

Hex(856F08)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(856F08)

Conversions

Conversions Part 1

Format	Color
Hex	856F08
RGB	133, 111, 8
RGB Percent	52%, 44%, 3%
CMY	0.4784, 0.5647, 0.9686
CMYK	0.00, 0.17, 0.94, 0.48
HSL	49°, 89%, 28%
HSV	49°, 94%, 52%
XYZ	15.4011, 16.3730, 2.5783
YIQ	105.8360, 46.1750, -27.3690

Conversions

Conversions Part 2

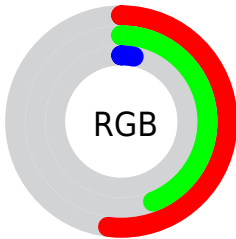
Format	Color
R_{YB}	35, 133, 8
Decimal	8744712
CIE Lab	47.46, -0.95, 51.98
CIE LCh	47, 51.990, 91.042
Yxy	16.3730, 0.4483, 0.4766
Android (android.graphics.Color)	4286934792 (0xFF856F08)
YUV	105.8360, -48.2331, 23.8228
Hunter-Lab	40.4635, -2.8709, 24.5466

Details

The Hex color **856F08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **081E85**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BEA242**, and **4F4000** is the 20% darker color. If you saturate the color by 10%, you get **856E00**, and if you desaturate by 10%, it is **857115**.

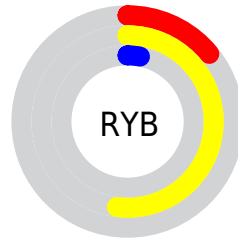
Distribution



Red (52%)

Green (44%)

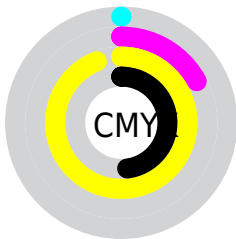
Blue (3%)



Red (14%)

Yellow (52%)

Blue (3%)

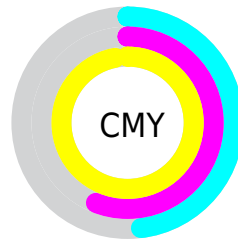


Cyan (0%)

Magenta (17%)

Yellow (94%)

Black (48%)



Cyan (48%)

Magenta (56%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856F08 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 856F08 by changing the saturation by 10% instead.



856F08



856F08

FFFFFF



6A5700



BEA242



4F4000



DBBD5C



352A00



F9D977



1D1600



FFF591



000000



FFFFAD



FFFFC9



FFFFE5



856F08



856F08

■ 856E00

■ 857115

■ 857423

■ 857630

■ 85783D

■ 857B4B

■ 857D58

■ 857F65

■ 858272

■ 858480

Harmonies

Analogous

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



A75E21



856F08



597B1D

Triad

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



856F08



00859D



A6519C

Complementary

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



856F08



081E85

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.



7264BC



856F08



0080BD

Square

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



856F08



008571



0075C8



BD4571

Rectangle

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



856F08



308036



0075C8



9857A8

Sweetspot

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



856F08



ADA57D



85081F



575239



D6D6D6



575757

Same Dimension

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



856F08



AD8F00



5D8508



42413C



826B00



030200

Inverse Universe

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



081E85



001FAD



300885



3C3D42



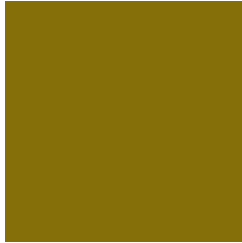
001782



000003

Previews

White Background



This preview shows how the Hex color 856F08 looks on a white background.

Color Contrast Check

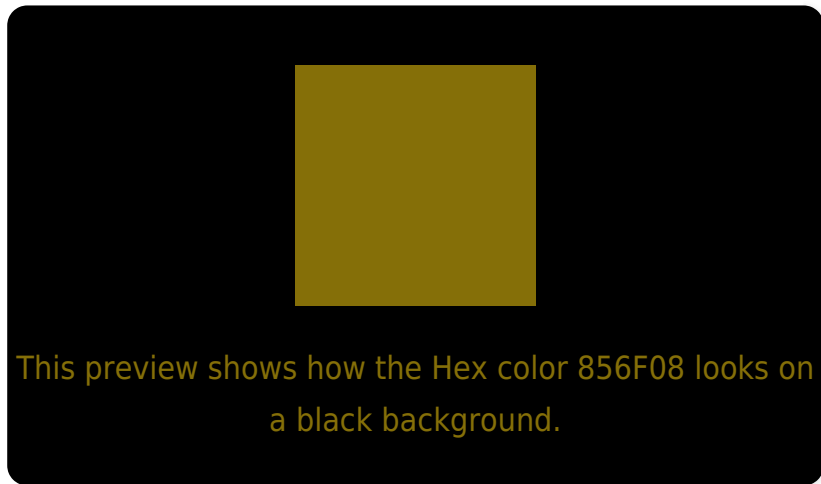
Large Text (above 18pt) WCAG AA ✓ Pass

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 856F08 Background



This preview shows how black text looks on a background with the Hex color 856F08.



This preview shows how white text looks on a background with the Hex color 856F08.

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
856F08

Protanopia
7F7109

Deuteranopia
8F6B0E

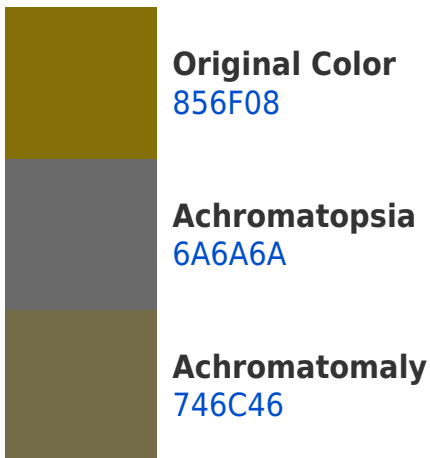


Tritanopia
8B676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 856F08 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 #856F08 looks like.

```
.text, #text, p{  
    color:#856F08  
}
```

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 #856F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856F08
}
```

Border

The CSS property to change the border of an element to Hex 856F08 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
#856F08 }
```

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

```
.border{ border-color:#856F08 }
```

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

Here you see how a box with a 4 pixel #856F08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856F08; -webkit-box-shadow:4px 4px  
4px 4px #856F08; box-shadow:4px 4px 4px  
4px #856F08 }
```

Background

The CSS property to change the background color of an element to Hex 856F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856F08 }
```

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

```
.background{ background-color:#856F08 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor