

Converting Colors

Hex(855E16)

Have a look what the booklet for
Hex(855E16) contains.

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Color

Hex(855E16)

Conversions

Conversions Part 1

Format	Color
Hex	855E16
RGB	133, 94, 22
RGB Percent	52%, 37%, 9%
CMY	0.4784, 0.6314, 0.9137
CMYK	0.00, 0.29, 0.83, 0.48
HSL	39°, 72%, 30%
HSV	39°, 83%, 52%
XYZ	13.8204, 13.0499, 2.5495
YIQ	97.4530, 46.3560, -14.1240

Conversions

Conversions Part 2

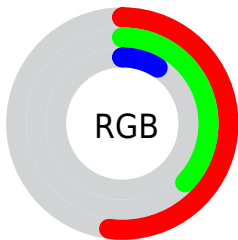
Format	Color
RYB	82, 133, 22
Decimal	8740374
CIELab	42.84, 9.31, 44.23
CIELCh	43, 45.197, 78.112
Yxy	13.0499, 0.4698, 0.4436
Android (android.graphics.Color)	4286930454 (0xFF855E16)
YUV	97.4530, -37.1983, 31.1747
Hunter-Lab	36.1246, 5.0716, 21.1028

Details

The Hex color **855E16** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **163D85**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BE9048**, and **4F3000** is the 20% darker color. If you saturate the color by 10%, you get **855909**, and if you desaturate by 10%, it is **856323**.

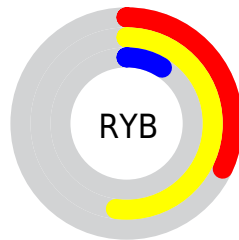
Distribution



Red (52%)

Green (37%)

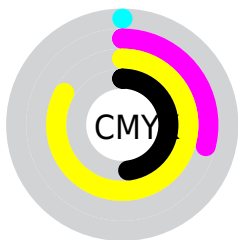
Blue (9%)



Red (32%)

Yellow (52%)

Blue (9%)

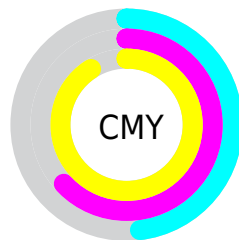


Cyan (0%)

Magenta (29%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 855E16 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 855E16 by changing the saturation by 10% instead.

 855E16

 855E16

FFFFFF

 6A4600

 BE9048

 4F3000

 DBAB61

 351B00

 F9C67B

 1D0300

 FFE295

 000000

 FFFEB1

 FFFFCC

 FFFF99

 855E16

 855E16

■ 855909

■ 856323

■ 855600

■ 856731

■ 856C3E

■ 85714B

■ 857558

■ 857A66

■ 857F73

■ 858380

■ 85888E

Harmonies

Analogous

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



9E4F2F



855E16



636A16

Triad

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



855E16



00777B



835197

Complementary

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



855E16



163D85

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.



4A61AC



855E16



00759C

Square

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



855E16



007655



006EAE



A14476

Rectangle

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



855E16



477026



006EAE



7457A0

Sweetspot

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



855E16



AD9E82



85163F



574E3D



D6D6D6



575757

Same Dimension

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



855E16



AD7000



768516



42403C



825400



030200

Inverse Universe

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



163D85



003DAD



251685



3C3E42



002E82



000103

Previews

White Background



This preview shows how the Hex color 855E16 looks on a white background.

Color Contrast Check

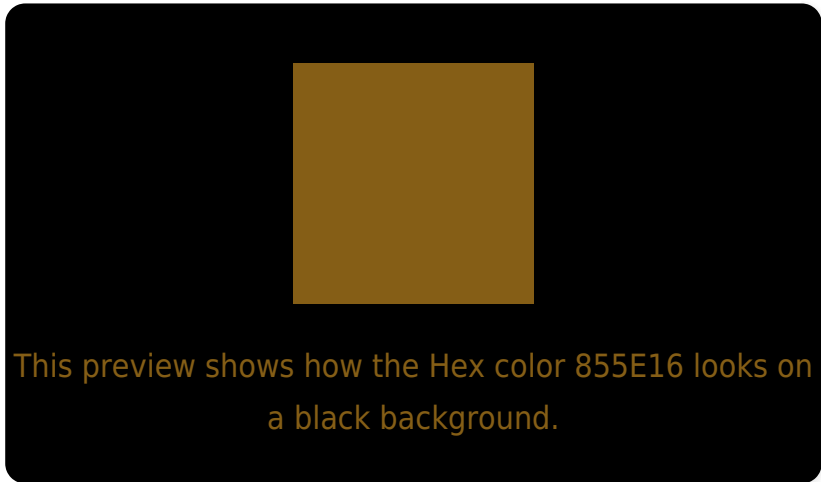
Large Text (above 18pt) WCAG AA ✓ Pass

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 855E16 Background



This preview shows how black text looks on a background with the Hex color 855E16.



This preview shows how white text looks on a background with the Hex color 855E16.

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
855E16

Protanopia
726618

Deuteranopia
806015



Tritanopia
89585E

Trichromacy



Original Color
855E16

Protanomaly
796317

Deuteranomaly
825F15

Tritanomaly
885A44

Monochromacy



Original Color
855E16

Achromatopsia
616161

Achromatomaly
6E6046

CSS Examples

Text

The CSS property to change the color of the text to Hex 855E16 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 #855E16 looks like.

```
.text, #text, p{  
    color:#855E16  
}
```

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 #855E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855E16
}
```

Border

The CSS property to change the border of an element to Hex 855E16 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
#855E16 }
```

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

```
.border{ border-color:#855E16 }
```

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

Here you see how a box with a 4 pixel #855E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855E16; -webkit-box-shadow:4px 4px  
4px 4px #855E16; box-shadow:4px 4px 4px  
4px #855E16 }
```

Background

The CSS property to change the background color of an element to Hex 855E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855E16 }
```

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

```
.background{ background-color:#855E16 }
```

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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