

Converting Colors

Hex(857B10)

Have a look what the booklet for
Hex(857B10) contains.

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Color

Hex(857B10)

Conversions

Conversions Part 1

Format	Color
Hex	857B10
RGB	133, 123, 16
RGB Percent	52%, 48%, 6%
CMY	0.4784, 0.5176, 0.9373
CMYK	0.00, 0.08, 0.88, 0.48
HSL	55°, 79%, 29%
HSV	55°, 88%, 52%
XYZ	16.8494, 19.1899, 3.3062
YIQ	113.7920, 40.3070, -31.1570

Conversions

Conversions Part 2

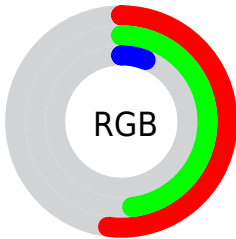
Format	Color
R_{YB}	27, 133, 16
Decimal	8747792
CIE Lab	50.91, -7.52, 52.96
CIE LCh	51, 53.496, 98.082
Yxy	19.1899, 0.4282, 0.4877
Android (android.graphics.Color)	4286937872 (0xFF857B10)
YUV	113.7920, -48.2115, 16.8454
Hunter-Lab	43.8062, -8.0039, 26.1896

Details

The Hex color **857B10** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **101A85**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BDAF49**, and **504B00** is the 20% darker color. If you saturate the color by 10%, you get **857A03**, and if you desaturate by 10%, it is **857C1D**.

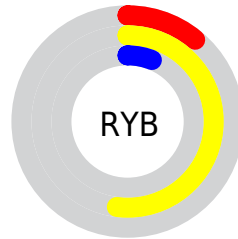
Distribution



Red (52%)

Green (48%)

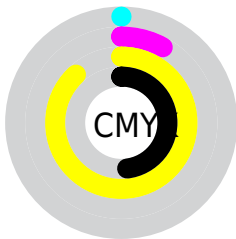
Blue (6%)



Red (11%)

Yellow (52%)

Blue (6%)

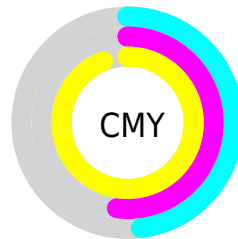


Cyan (0%)

Magenta (8%)

Yellow (88%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 857B10 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 857B10 by changing the saturation by 10% instead.



857B10



857B10

FFFFFF



6A6200



BDAF49



504B00



DACA63



363400



F8E67D



1D1F00



FFFF98



000600



FFFFB4



000000



FFFFD0



FFFFED



857B10



857B10

■ 857A03

■ 857C1D

■ 857A00

■ 857D2B

■ 857E38

■ 858045

■ 858153

■ 858260

■ 85836D

■ 85847A

■ 858588

Harmonies

Analogous

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



AB6A20



857B10



54862B

Triad

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



857B10



008DB1



BA549C

Complementary

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



857B10



101A85

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.



8B68C2



857B10



0087CE

Square

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



857B10



008F85



277AD4



CB4D6F

Rectangle

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



857B10



1F8B46



277AD4



AD5AAA

Sweetspot

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



857B10



ADAA80



85101C



57543C



D6D6D6



575757

Same Dimension

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



857B10



AD9F00



568510



42423C



827700



030200

Inverse Universe

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



101A85



000FAD



3F1085



3C3C42



000B82



000003

Previews

White Background



This preview shows how the Hex color 857B10 looks on a white background.

Color Contrast Check

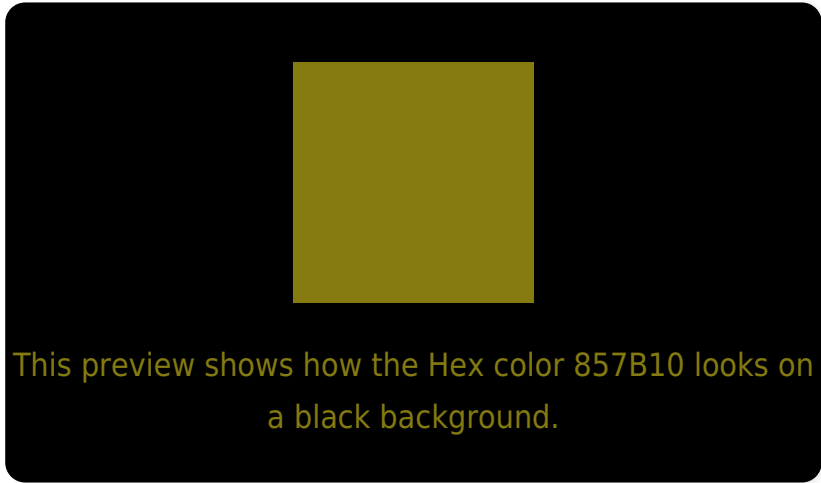
Large Text (above 18pt) WCAG AA ✓ Pass

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 857B10 Background



This preview shows how black text looks on a background with the Hex color 857B10.



This preview shows how white text looks on a background with the Hex color 857B10.

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
857B10

Protanopia
897A10

Deuteranopia
997316



Tritanopia
8C727B

Trichromacy



Original Color
857B10

Protanomaly
887A10

Deuteranomaly
927614

Tritanomaly
897554

Monochromacy



Original Color
857B10

Achromatopsia
727272

Achromatomaly
79754E

CSS Examples

Text

The CSS property to change the color of the text to Hex 857B10 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 #857B10 looks like.

```
.text, #text, p{  
    color:#857B10  
}
```

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 #857B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857B10
}
```

Border

The CSS property to change the border of an element to Hex 857B10 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
#857B10 }
```

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

```
.border{ border-color:#857B10 }
```

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

Here you see how a box with a 4 pixel #857B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857B10; -webkit-box-shadow:4px 4px  
4px 4px #857B10; box-shadow:4px 4px 4px  
4px #857B10 }
```

Background

The CSS property to change the background color of an element to Hex 857B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857B10 }
```

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

```
.background{ background-color:#857B10 }
```

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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