

# Converting Colors

Hex(857D27)

Have a look what the booklet for  
Hex(857D27) contains.

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**Color**

**Hex(857D27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	857D27
RGB	133, 125, 39
RGB Percent	52%, 49%, 15%
CMY	0.4784, 0.5098, 0.8471
CMYK	0.00, 0.06, 0.71, 0.48
HSL	55°, 55%, 34%
HSV	55°, 71%, 52%
XYZ	17.3727, 19.8003, 4.8256
YIQ	117.5880, 32.3740, -25.0500

# Conversions

## Conversions Part 2

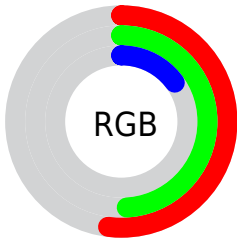
Format	Color
<a href="#">RYB</a>	48, 133, 39
Decimal	8748327
CIELab	51.61, -7.67, 45.79
CIELCh	52, 46.430, 99.506
Yxy	19.8003, 0.4136, 0.4715
Android (android.graphics.Color)	4286938407 (0xFF857D27)
YUV	117.5880, -38.7439, 13.5163
Hunter-Lab	44.4975, -8.1807, 24.7184

# Details

The Hex color **857D27** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **272F85**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BDB15A**, and **504C00** is the 20% darker color. If you saturate the color by 10%, you get **857C1A**, and if you desaturate by 10%, it is **857E34**.

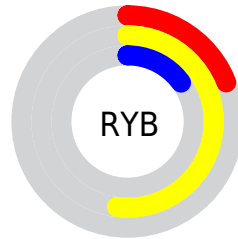
# Distribution



Red (52%)

Green (49%)

Blue (15%)



Red (19%)

Yellow (52%)

Blue (15%)

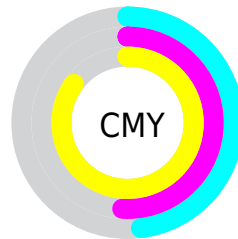


Cyan (0%)

Magenta (6%)

Yellow (71%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857D27 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 857D27 by changing the saturation by 10% instead.





857D27



857D27

FFFFFF



6A640A



BDB15A



504C00



D9CD73



373600



F7E98E



1E2100



FFFFA9



000B00



FFFC5



000000



FFFFE1

FFFFFFE



857D27



857D27

■ 857C1A

■ 857E34

■ 857B0C

■ 857F42

■ 857A00

■ 85804F

■ 85825C

■ 85836A

■ 858477

■ 858584

■ 858691

■ 85879F

# Harmonies

## Analogous

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



A76F2F



857D27



5A873A

# Triad

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



857D27



008DAD



B55C98

# Complementary

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



857D27



272F85

# 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.



8E6BB9



857D27



0087C5

# Square

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



857D27



008F87



487BC9



C45770

# Rectangle

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



857D27



338B51



487BC9



AB61A4



# Sweetspot

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



857D27



ADAA89



852730



575541



D6D6D6



575757



# Same Dimension

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



857D27



ADA11A



5F8527



42423C



827700



030200



# Inverse Universe

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



272F85



1A27AD



4D2785



3C3C42



000B82



000003



# Previews

## White Background



This preview shows how the Hex color 857D27 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 857D27 Background



This preview shows how black text looks on a background with the Hex color 857D27.



This preview shows how white text looks on a background with the Hex color 857D27.

# 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**  
857D27

**Protanopia**  
8A7B27

**Deuteranopia**  
9A752A



**Tritanopia**  
8C757E

# Trichromacy



**Original Color**  
857D27

**Protanomaly**  
887C27

**Deuteranomaly**  
927829

**Tritanomaly**  
89785E

# Monochromacy



**Original Color**  
857D27

**Achromatopsia**  
767676

**Achromatomaly**  
7B7959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857D27 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 #857D27 looks like.

```
.text, #text, p{  
    color:#857D27  
}
```

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 #857D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857D27
}
```

## Border

The CSS property to change the border of an element to Hex 857D27 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
#857D27 }
```

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

```
.border{ border-color:#857D27 }
```

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

Here you see how a box with a 4 pixel #857D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857D27; -webkit-box-shadow:4px 4px  
4px 4px #857D27; box-shadow:4px 4px 4px  
4px #857D27 }
```

# Background

The CSS property to change the background color of an element to Hex 857D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857D27 }
```

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

```
.background{ background-color:#857D27 }
```

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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