

Converting Colors

Hex(87780C)

Have a look what the booklet for
Hex(87780C) contains.

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Color

Hex(87780C)

Conversions

Conversions Part 1

Format	Color
Hex	87780C
RGB	135, 120, 12
RGB Percent	53%, 47%, 5%
CMY	0.4706, 0.5294, 0.9529
CMYK	0.00, 0.11, 0.91, 0.47
HSL	53°, 84%, 29%
HSV	53°, 91%, 53%
XYZ	16.7745, 18.6104, 3.0559
YIQ	112.1730, 43.6080, -30.4080

Conversions

Conversions Part 2

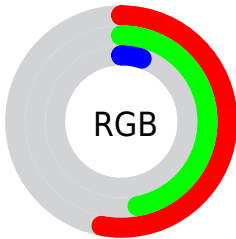
Format	Color
R_{YB}	29, 135, 12
Decimal	8878092
CIE Lab	50.23, -5.00, 53.41
CIE LCh	50, 53.641, 95.353
Yxy	18.6104, 0.4364, 0.4841
Android (android.graphics.Color)	4287068172 (0xFF87780C)
YUV	112.1730, -49.3853, 20.0193
Hunter-Lab	43.1398, -6.0864, 25.9979

Details

The Hex color **87780C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C1B87**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C0AC46**, and **524800** is the 20% darker color. If you saturate the color by 10%, you get **877700**, and if you desaturate by 10%, it is **877A1A**.

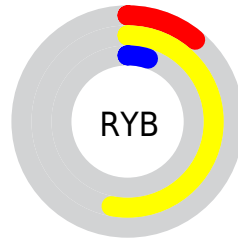
Distribution



Red (53%)

Green (47%)

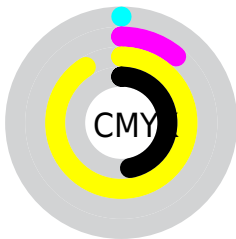
Blue (5%)



Red (11%)

Yellow (53%)

Blue (5%)

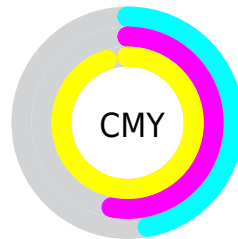


Cyan (0%)

Magenta (11%)

Yellow (91%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87780C 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 87780C by changing the saturation by 10% instead.

 87780C

 87780C

FFFFFF

 6C5F00

 C0AC46

 524800

 DDC760

 373200

 FAE37B

 1E1D00

 FFFF96

 000200

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 87780C

 87780C

■ 877700

■ 877A1A

■ 877B27

■ 877D35

■ 877F42

■ 87804F

■ 87825D

■ 87846B

■ 878578

■ 878785

Harmonies

Analogous

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



AC6720



87780C



578426

Triad

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



87780C



008CAB



B5549E

Complementary

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



87780C



0C1B87

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.



8368C2



87780C



0086CA

Square

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



87780C



008D7F



007AD3



C94B71

Rectangle

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



87780C



278941



007AD3



A85AAC

Sweetspot

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



87780C



B0AA80



870C1C



59563D



D9D9D9



595959

Same Dimension

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



87780C



B09A00



5A870C



42413C



827200



030200

Inverse Universe

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



0C1B87



0015B0



390C87



3C3C42



001082



000003

Previews

White Background



This preview shows how the Hex color 87780C looks on a white background.

Color Contrast Check

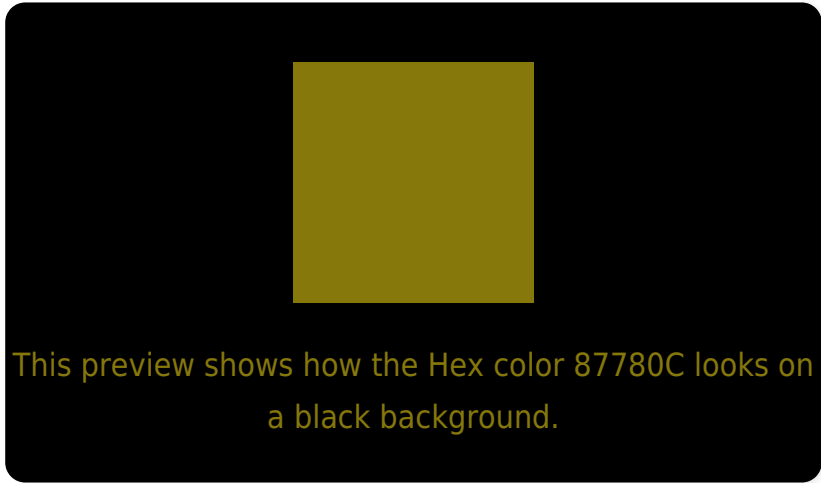
Large Text (above 18pt) WCAG AA ✓ Pass

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 87780C Background



This preview shows how black text looks on a background with the Hex color 87780C.



This preview shows how white text looks on a background with the Hex color 87780C.

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
87780C

Protanopia
87780C

Deuteranopia
977113



Tritanopia
8E7078

Trichromacy



Original Color
87780C

Protanomaly
87780C

Deuteranomaly
917410

Tritanomaly
8B7351

Monochromacy



Original Color
87780C

Achromatopsia
707070

Achromatomaly
78734C

CSS Examples

Text

The CSS property to change the color of the text to Hex 87780C 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 #87780C looks like.

```
.text, #text, p{  
    color:#87780C  
}
```

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 #87780C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87780C
}
```

Border

The CSS property to change the border of an element to Hex 87780C is called "border". The border property can be set on classes, ids or directly on the HTML element.

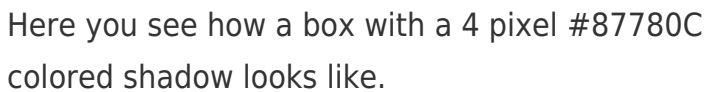
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87780C }
```

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

```
.border{ border-color:#87780C }
```

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



Here you see how a box with a 4 pixel #87780C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87780C; -webkit-box-shadow:4px 4px  
4px 4px #87780C; box-shadow:4px 4px 4px  
4px #87780C }
```

Background

The CSS property to change the background color of an element to Hex 87780C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87780C }
```

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

```
.background{ background-color:#87780C }
```

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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