

Converting Colors

Hex(887B12)

Have a look what the booklet for
Hex(887B12) contains.

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Color

Hex(887B12)

Conversions

Conversions Part 1

Format	Color
Hex	887B12
RGB	136, 123, 18
RGB Percent	53%, 48%, 7%
CMY	0.4667, 0.5176, 0.9294
CMYK	0.00, 0.10, 0.87, 0.47
HSL	53°, 77%, 30%
HSV	53°, 87%, 53%
XYZ	17.3455, 19.4438, 3.4111
YIQ	114.9170, 41.4530, -29.8990

Conversions

Conversions Part 2

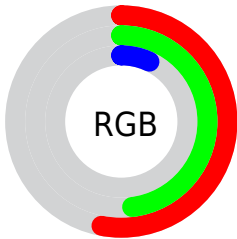
Format	Color
R _Y B	33, 136, 18
Decimal	8944402
CIE Lab	51.20, -6.06, 52.82
CIE LCh	51, 53.164, 96.542
Yxy	19.4438, 0.4315, 0.4837
Android (android.graphics.Color)	4287134482 (0xFF887B12)
YUV	114.9170, -47.7801, 18.4898
Hunter-Lab	44.0952, -6.9509, 26.2801

Details

The Hex color **887B12** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **121F88**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **C1AF4A**, and **534B00** is the 20% darker color. If you saturate the color by 10%, you get **887A04**, and if you desaturate by 10%, it is **887C20**.

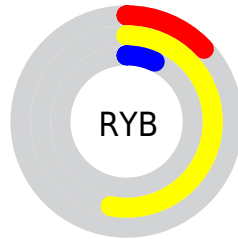
Distribution



Red (53%)

Green (48%)

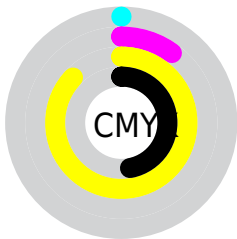
Blue (7%)



Red (13%)

Yellow (53%)

Blue (7%)

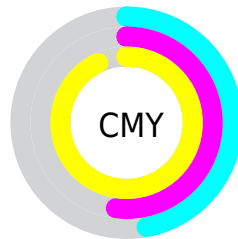


Cyan (0%)

Magenta (10%)

Yellow (87%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 887B12 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 887B12 by changing the saturation by 10% instead.

 887B12

 887B12

FFFFFF

 6D6200

 C1AF4A

 534B00

 DECA64

 383400

 FBE67E

 1F1F00

 FFFF99

 000800

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 887B12

 887B12

■ 887A04

■ 887C20

■ 887900

■ 887E2D

■ 887F3B

■ 888148

■ 888256

■ 888464

■ 888571

■ 88877F

■ 88888C

Harmonies

Analogous

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



AE6A23



887B12



58872B

Triad

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



887B12



008EAF



B8569F

Complementary

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



887B12



121F88

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.



886AC3



887B12



0088CD

Square

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



887B12



009083



1E7CD4



CC4E72

Rectangle

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



887B12



288B45



1E7CD4



AC5CAD

Sweetspot

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



887B12



B0AB82



881220



59563E



D9D9D9



595959

Same Dimension

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



887B12



B09D00



5B8812



45443E



857600



050500

Inverse Universe

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



121F88



0013B0



3F1288



3E3F45



000F85



000105

Previews

White Background



This preview shows how the Hex color 887B12 looks on a white background.

Color Contrast Check

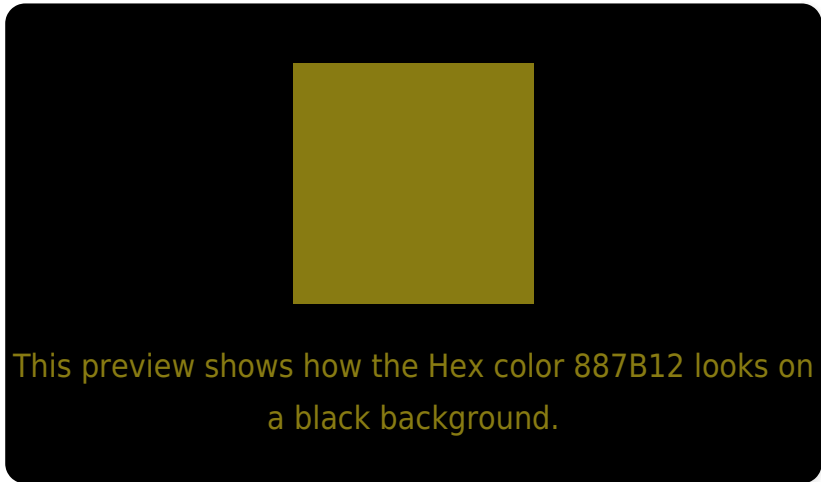
Large Text (above 18pt) WCAG AA ✓ Pass

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 887B12 Background



This preview shows how black text looks on a background with the Hex color 887B12.



This preview shows how white text looks on a background with the Hex color 887B12.

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
887B12

Protanopia
8A7A12

Deuteranopia
9A7417



Tritanopia
8F727B

Trichromacy



Original Color
887B12

Protanomaly
897A12

Deuteranomaly
937715

Tritanomaly
8C7555

Monochromacy



Original Color
887B12

Achromatopsia
737373

Achromatomaly
7B7650

CSS Examples

Text

The CSS property to change the color of the text to Hex 887B12 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 #887B12 looks like.

```
.text, #text, p{  
    color:#887B12  
}
```

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 #887B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887B12
}
```

Border

The CSS property to change the border of an element to Hex 887B12 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
#887B12 }
```

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

```
.border{ border-color:#887B12 }
```

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

Here you see how a box with a 4 pixel #887B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887B12; -webkit-box-shadow:4px 4px  
4px 4px #887B12; box-shadow:4px 4px 4px  
4px #887B12 }
```

Background

The CSS property to change the background color of an element to Hex 887B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887B12 }
```

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

```
.background{ background-color:#887B12 }
```

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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