

Converting Colors

Hex(12B812)

Have a look what the booklet for
Hex(12B812) contains.

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Color

Hex(12B812)

Conversions

Conversions Part 1

Format	Color
Hex	12B812
RGB	18, 184, 18
RGB Percent	7%, 72%, 7%
CMY	0.9294, 0.2784, 0.9294
CMYK	0.90, 0.00, 0.90, 0.28
HSL	120°, 82%, 40%
HSV	120°, 90%, 72%
XYZ	17.4991, 34.4533, 6.3001
YIQ	115.4420, -45.6500, -86.8180

Conversions

Conversions Part 2

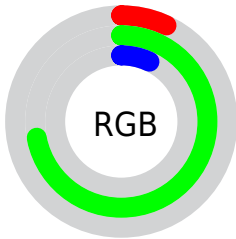
Format	Color
R _Y B	18, 184, 184
Decimal	1226770
CIE Lab	65.32, -66.08, 62.85
CIE LCh	65, 91.195, 136.433
Yxy	34.4533, 0.3004, 0.5914
Android (android.graphics.Color)	4279416850 (0xFF12B812)
YUV	115.4420, -48.0389, -85.4566
Hunter-Lab	58.6969, -49.5039, 34.7241

Details

The Hex color **12B812** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B812B8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67F153**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **00B800**, and if you desaturate by 10%, it is **24B824**.

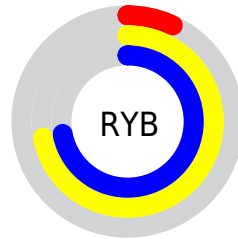
Distribution



Red (7%)

Green (72%)

Blue (7%)



Red (7%)

Yellow (72%)

Blue (72%)

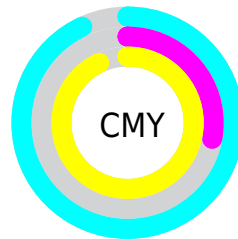


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (28%)



Cyan (93%)

Magenta (28%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12B812 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 12B812 by changing the saturation by 10% instead.

 12B812

 12B812

FFFFFF

 009C00

 67F153

 008100

 87FF6F

 006700

 A5FF8B

 004D00

 C4FFA7

 003600

 E3FFC4

 001B00

 FFFFE1

 000000

FFFFFFE

 12B812

 12B812

 00B800

 24B824

 37B837

 49B849

 5CB85C

 6EB86E

 80B880

 93B893

 A5B8A5

 B8B8B8

Harmonies

Analogous

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



96A900



12B812



00BF75

Triad

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



12B812



00B3FF



FF3576

Complementary

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



12B812



B812B8

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.



FF3DC7



12B812



0099FF

Square

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



12B812



00BFFF



D870FF



FF6425

Rectangle

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



12B812



00C1AF



D870FF



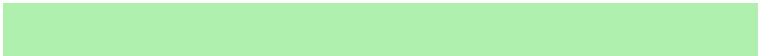
FF2D91

Sweetspot

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



12B812



AFF0AF



B8B812



517851



F7F7F7



787878

Same Dimension

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



12B812



00F000



12B865



535C53



009C00



001C00

Inverse Universe

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



B812B8



F000F0



B81265



5C535C



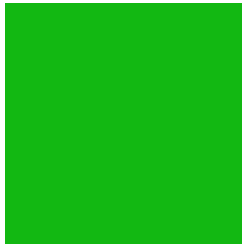
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 12B812 looks on a white background.

Color Contrast Check

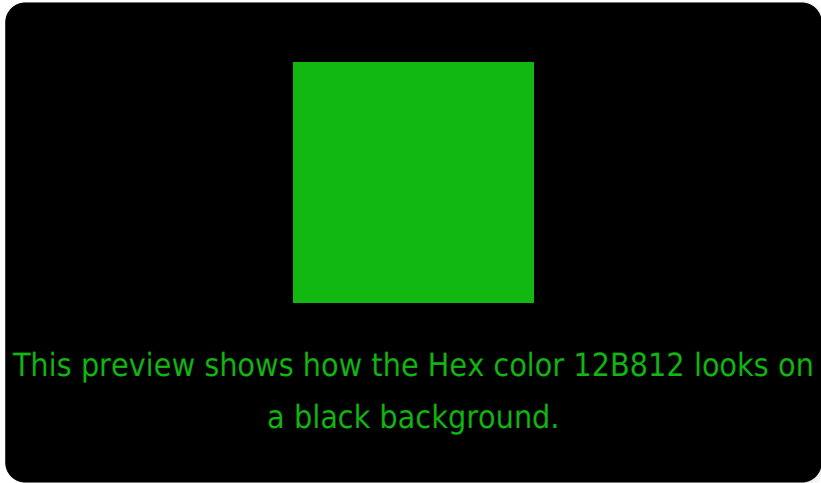
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 12B812 Background



This preview shows how black text looks on a background with the Hex color 12B812.

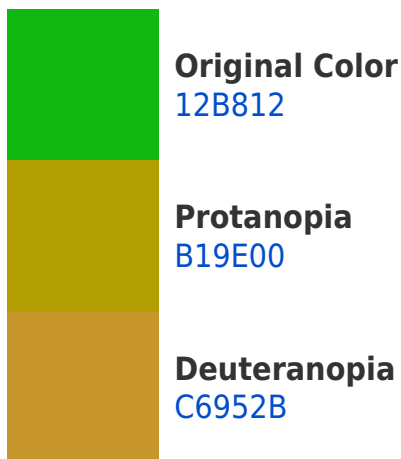


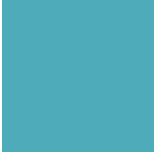
This preview shows how white text looks on a background with the Hex color 12B812.

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





Tritanopia
4EABB9

Trichromacy



Original Color
12B812



Protanomaly
77A707



Deuteranomaly
85A222



Tritanomaly
38B07C

Monochromacy



Original Color
12B812



Achromatopsia
737373



Achromatomaly
508C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 12B812 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 #12B812 looks like.

```
.text, #text, p{  
    color:#12B812  
}
```

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 #12B812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B812
}
```

Border

The CSS property to change the border of an element to Hex 12B812 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
#12B812 }
```

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

```
.border{ border-color:#12B812 }
```

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

Here you see how a box with a 4 pixel #12B812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B812; -webkit-box-shadow:4px 4px  
4px 4px #12B812; box-shadow:4px 4px 4px  
4px #12B812 }
```

Background

The CSS property to change the background color of an element to Hex 12B812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B812 }
```

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

```
.background{ background-color:#12B812 }
```

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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