

Converting Colors

Hex(12B12B)

Have a look what the booklet for
Hex(12B12B) contains.

Hex(12B12B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(12B12B)

Conversions

Conversions Part 1

Format	Color
Hex	12B12B
RGB	18, 177, 43
RGB Percent	7%, 69%, 17%
CMY	0.9294, 0.3059, 0.8314
CMYK	0.90, 0.00, 0.76, 0.31
HSL	129°, 82%, 38%
HSV	129°, 90%, 69%
XYZ	16.4076, 31.7473, 7.5486
YIQ	114.1830, -51.7500, -75.3820

Conversions

Conversions Part 2

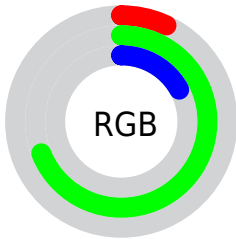
Format	Color
RYB	18, 155, 177
Decimal	1225003
CIELab	63.13, -62.69, 54.28
CIELCh	63, 82.922, 139.115
Yxy	31.7473, 0.2946, 0.5699
Android (android.graphics.Color)	4279415083 (0xFF12B12B)
YUV	114.1830, -35.0932, -84.3525
Hunter-Lab	56.3447, -46.6239, 31.4982

Details

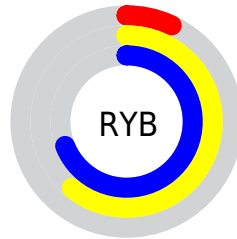
The Hex color **12B12B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B11298**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **64EA62**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **00B11C**, and if you desaturate by 10%, it is **24B13A**.

Distribution



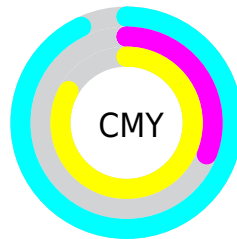
- Red (7%)
- Green (69%)
- Blue (17%)



- Red (7%)
- Yellow (61%)
- Blue (69%)



- Cyan (90%)
- Magenta (0%)
- Yellow (76%)
- Black (31%)



- Cyan (93%)
- Magenta (31%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12B12B 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 12B12B by changing the saturation by 10% instead.

 12B12B

 12B12B

FFFFFF

 009506

 64EA62

 007B00

 83FF7D

 006000

 A1FF98

 004700

 C0FFB4

 003000

 DEFFD0

 001300

 FDFFD0

 000000

 12B12B

 12B12B

 00B11C

 24B13A

 35B149

 47B158

 59B167

 6AB176

 7CB185

 8EB193

 A0B1A2

 B1B1B1

Harmonies

Analogous

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



8CA300



12B12B



00B87A

Triad

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



12B12B



00AAFF



FF456D

Complementary

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



12B12B



B11298

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.



FF45B7



12B12B



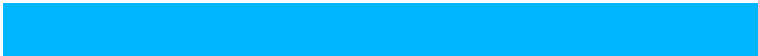
4B91FF

Square

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



12B12B



00B6FF



D56CFB



FF6926

Rectangle

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



12B12B



00B9AE



D56CFB



FF3E86

Sweetspot

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



12B12B



A8E6B1



99B112



4E7354



F2F2F2



737373

Same Dimension

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



12B12B



00E624



12B179



505952



009918



001A04

Inverse Universe

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



B11298



E600C1



B1124A



595058



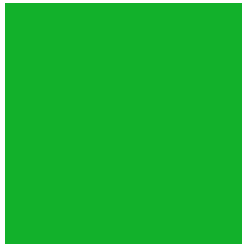
990081



1A0015

Previews

White Background



This preview shows how the Hex color 12B12B looks on a white background.

Color Contrast Check

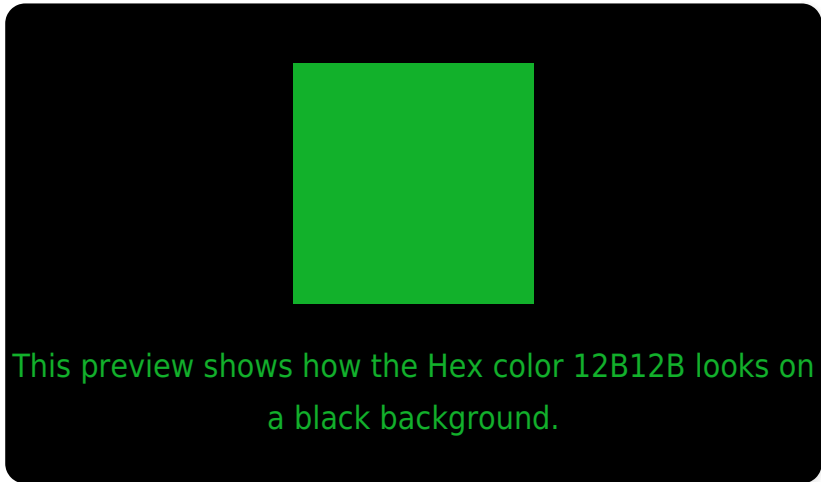
Large Text (above 18pt) WCAG AA × Fail

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 12B12B Background



This preview shows how black text looks on a background with the Hex color 12B12B.

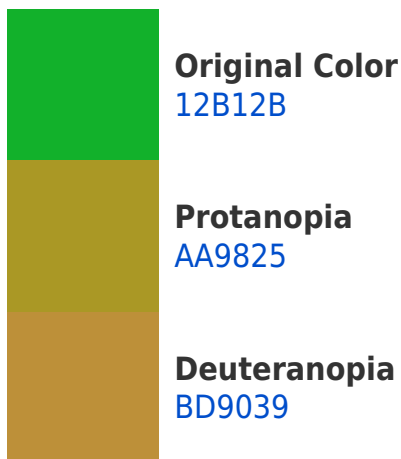


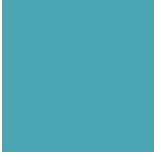
This preview shows how white text looks on a background with the Hex color 12B12B.

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
4BA5B2

Trichromacy



Original Color
12B12B



Protanomaly
73A127



Deuteranomaly
7F9C34



Tritanomaly
36A981

Monochromacy



Original Color
12B12B



Achromatopsia
727272



Achromatomaly
4F8958

CSS Examples

Text

The CSS property to change the color of the text to Hex 12B12B 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 #12B12B looks like.

```
.text, #text, p{  
    color:#12B12B  
}
```

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 #12B12B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B12B
}
```

Border

The CSS property to change the border of an element to Hex 12B12B 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
#12B12B }
```

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

```
.border{ border-color:#12B12B }
```

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

Here you see how a box with a 4 pixel #12B12B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B12B; -webkit-box-shadow:4px 4px  
4px 4px #12B12B; box-shadow:4px 4px 4px  
4px #12B12B }
```

Background

The CSS property to change the background color of an element to Hex 12B12B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B12B }
```

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

```
.background{ background-color:#12B12B }
```

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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