

Converting Colors

Hex(00BE12)

Have a look what the booklet for
Hex(00BE12) contains.

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Color

Hex(00BE12)

Conversions

Conversions Part 1

Format	Color
Hex	00BE12
RGB	0, 190, 18
RGB Percent	0%, 75%, 7%
CMY	1.0000, 0.2549, 0.9294
CMYK	1.00, 0.00, 0.91, 0.25
HSL	126°, 100%, 37%
HSV	126°, 100%, 75%
XYZ	18.5226, 36.8706, 6.7128
YIQ	113.5820, -58.0280, -93.7720

Conversions

Conversions Part 2

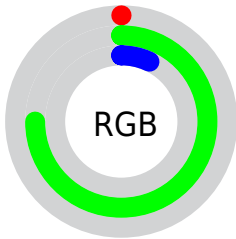
Format	Color
RYB	0, 174, 190
Decimal	48658
CIELab	67.18, -68.65, 64.40
CIELCh	67, 94.131, 136.827
Yxy	36.8706, 0.2982, 0.5937
Android (android.graphics.Color)	4278238738 (0xFF00BE12)
YUV	113.5820, -47.1219, -99.6114
Hunter-Lab	60.7212, -51.8116, 35.9503

Details

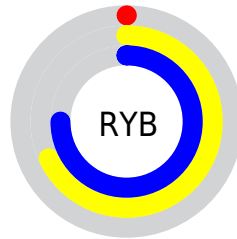
The Hex color **00BE12** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BE00AC**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **65F854**, and **008700** is the 20% darker color. If you saturate the color by 10%, you get **00BE12**, and if you desaturate by 10%, it is **13BE23**.

Distribution



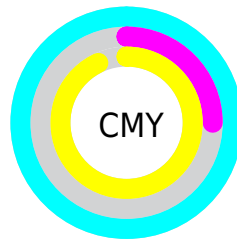
- Red (0%)
- Green (75%)
- Blue (7%)



- Red (0%)
- Yellow (68%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (91%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BE12 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 00BE12 by changing the saturation by 10% instead.

 00BE12

 00BE12

FFFFFF

 00A200


 65F854

 008700

 85FF70

 006C00

 A5FF8C

 005200

 C3FFA9

 003A00

 E2FFC5

 002100

 FFFFE2

 000000

 00BE12

 13BE23

 26BE34

 39BE46

 4CBE57

 5FBE68

 72BE79

 85BE8A

 98BE9C

 ABBEAD

Harmonies

Analogous

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



99AE00



00BE12



00C67A

Triad

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



00BE12



00B9FF



FF3578

Complementary

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



00BE12



BE00AC

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.



FF3CCD



00BE12



009EFF

Square

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



00BE12



00C5FF



E072FF



FF6723

Rectangle

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



00BE12



00C8B5



E072FF



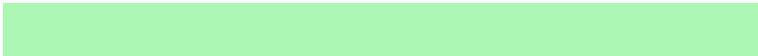
FF2B94

Sweetspot

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



00BE12



ADF7B4



AEBE00



507D54



FCFCFC



7D7D7D

Same Dimension

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



00BE12



00F717



00BE6F



555E56



009E0F



001F03

Inverse Universe

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



BE00AC



F700E0



BE004F



5E555D



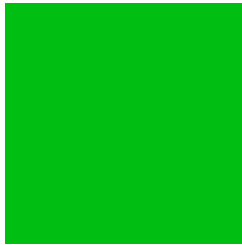
9E008F



1F001C

Previews

White Background



This preview shows how the Hex color 00BE12 looks on a white background.

Color Contrast Check

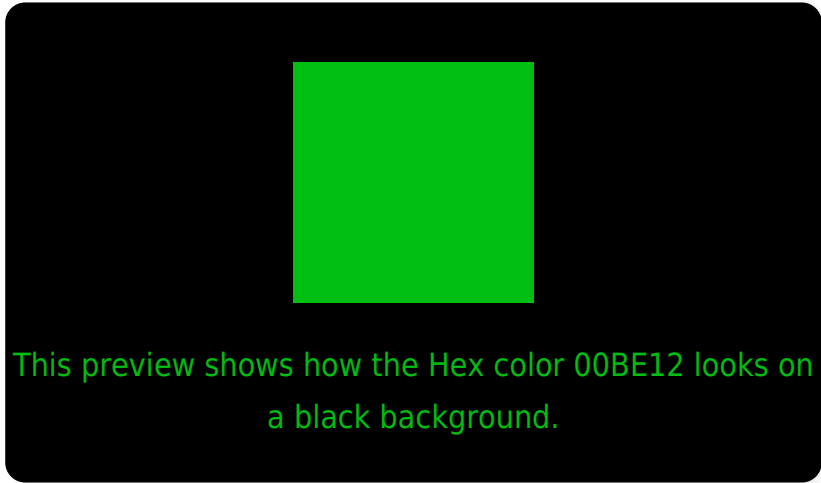
Large Text (above 18pt) WCAG AA × Fail

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 00BE12 Background



This preview shows how black text looks on a background with the Hex color 00BE12.

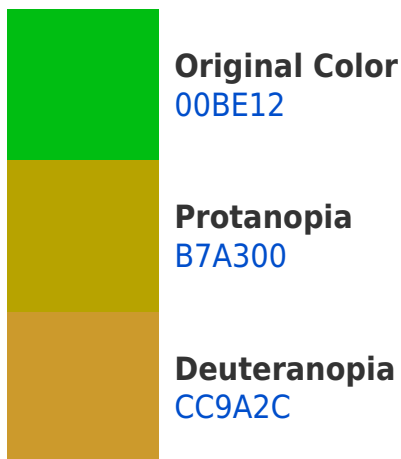


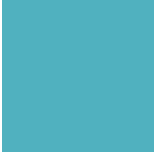
This preview shows how white text looks on a background with the Hex color 00BE12.

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
50B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00BE12 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 #00BE12 looks like.

```
.text, #text, p{  
    color:#00BE12  
}
```

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 #00BE12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BE12
}
```

Border

The CSS property to change the border of an element to Hex 00BE12 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
#00BE12 }
```

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

```
.border{ border-color:#00BE12 }
```

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

Here you see how a box with a 4 pixel #00BE12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BE12; -webkit-box-shadow:4px 4px  
4px 4px #00BE12; box-shadow:4px 4px 4px  
4px #00BE12 }
```

Background

The CSS property to change the background color of an element to Hex 00BE12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BE12 }
```

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

```
.background{ background-color:#00BE12 }
```

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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