

Converting Colors

Hex(11BB11)

Have a look what the booklet for
Hex(11BB11) contains.

Hex(11BB11)	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(11BB11)

Conversions

Conversions Part 1

Format	Color
Hex	11BB11
RGB	17, 187, 17
RGB Percent	7%, 73%, 7%
CMY	0.9333, 0.2667, 0.9333
CMYK	0.91, 0.00, 0.91, 0.27
HSL	120°, 83%, 40%
HSV	120°, 91%, 73%
XYZ	18.1027, 35.7003, 6.4671
YIQ	116.7900, -46.7500, -88.9100

Conversions

Conversions Part 2

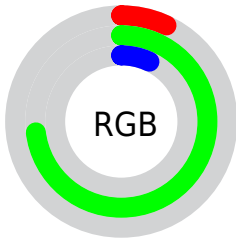
Format	Color
RYB	17, 187, 187
Decimal	1162001
CIELab	66.29, -67.02, 63.85
CIElCh	66, 92.566, 136.390
Yxy	35.7003, 0.3004, 0.5923
Android (android.graphics.Color)	4279352081 (0xFF11BB11)
YUV	116.7900, -49.1965, -87.5158
Hunter-Lab	59.7497, -50.4810, 35.4075

Details

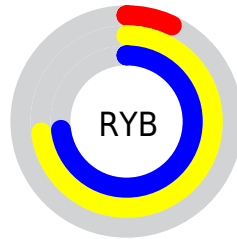
The Hex color **11BB11** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BB11BB**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **68F553**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **00BB00**, and if you desaturate by 10%, it is **24BB24**.

Distribution



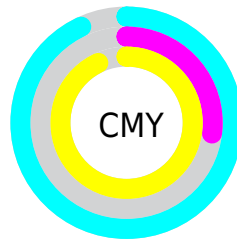
- Red (7%)
- Green (73%)
- Blue (7%)



- Red (7%)
- Yellow (73%)
- Blue (73%)



- Cyan (91%)
- Magenta (0%)
- Yellow (91%)
- Black (27%)





- Cyan (93%)
- Magenta (27%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11BB11 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 11BB11 by changing the saturation by 10% instead.

 11BB11

 11BB11


FFFFFF

 009F00

 68F553

 008400

 87FF6F

 006900

 A6FF8B

 005000

 C5FFA7


 003800

 E4FFC4

 001E00

 FFFFE1

 000000

 11BB11

 11BB11

 00BB00

 24BB24

 36BB36

 49BB49

 5CBB5C

 6FBB6F

 81BB81

 94BB94

 A7BBA7

 B9BBB9

Harmonies

Analogous

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



98AB00



11BB11



00C377

Triad

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



11BB11



00B6FF



FF3578

Complementary

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



11BB11



BB11BB

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.



FF3DCB



11BB11



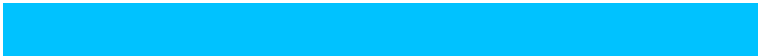
009CFF

Square

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



11BB11



00C2FF



DB71FF



FF6625

Rectangle

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



11BB11



00C5B1



DB71FF



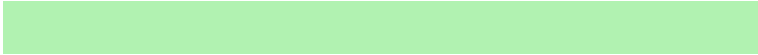
FF2D93

Sweetspot

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



11BB11



B1F2B1



BBBB11



537A53



FAFAFA



7A7A7A

Same Dimension

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



11BB11



00F200



11BB66



555E55



009E00



001F00

Inverse Universe

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



BB11BB



F200F2



BB1166



5E555E



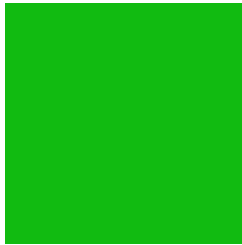
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 11BB11 looks on a white background.

Color Contrast Check

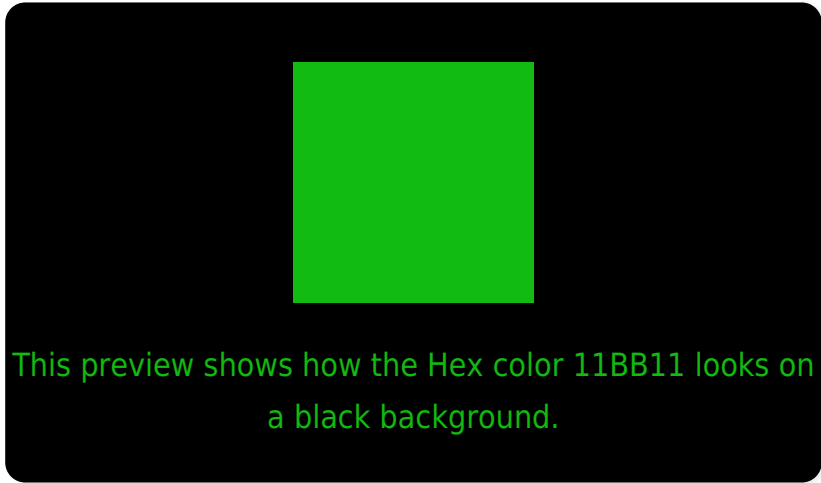
Large Text (above 18pt) WCAG AA × Fail

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 11BB11 Background



This preview shows how black text looks on a background with the Hex color 11BB11.

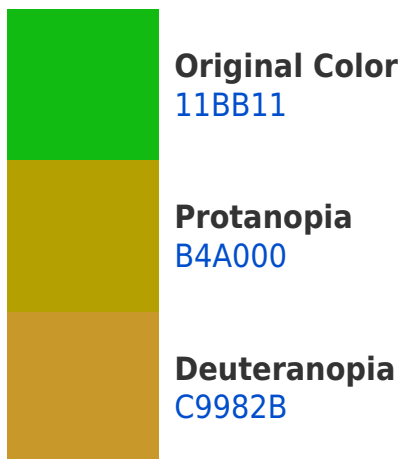


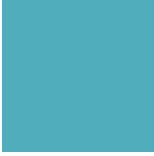
This preview shows how white text looks on a background with the Hex color 11BB11.

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
50AEB3

Trichromacy



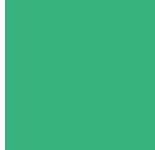
Original Color
11BB11



Protanomaly
79AA06



Deuteranomaly
86A522



Tritanomaly
39B37E

Monochromacy



Original Color
11BB11



Achromatopsia
757575



Achromatomaly
518E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 11BB11 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 #11BB11 looks like.

```
.text, #text, p{  
    color:#11BB11  
}
```

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 #11BB11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11BB11  
}
```

Border

The CSS property to change the border of an element to Hex 11BB11 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  
#11BB11 }
```

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

```
.border{ border-color:#11BB11 }
```

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

Here you see how a box with a 4 pixel #11BB11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11BB11; -webkit-box-shadow:4px 4px  
4px 4px #11BB11; box-shadow:4px 4px 4px  
4px #11BB11 }
```

Background

The CSS property to change the background color of an element to Hex 11BB11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11BB11 }
```

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

```
.background{ background-color:#11BB11 }
```

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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