

# Converting Colors

Hex(11BC42)

Have a look what the booklet for  
Hex(11BC42) contains.

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**Color**

**Hex(11BC42)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 11BC42                       |
| RGB         | 17, 188, 66                  |
| RGB Percent | 7%, 74%, 26%                 |
| CMY         | 0.9333, 0.2627, 0.7412       |
| CMYK        | 0.91, 0.00, 0.65, 0.26       |
| HSL         | 137°, 83%, 40%               |
| HSV         | 137°, 91%, 74%               |
| XYZ         | 19.1978, 36.4790, 11.1836    |
| YIQ         | 122.9630, -62.7540, -74.1940 |

# Conversions

## Conversions Part 2

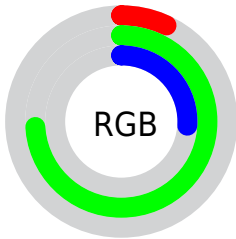
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">17, 150, 188</a>                     |
| Decimal                             | <a href="#">1162306</a>                          |
| CIELab                              | <a href="#">66.88, -63.90, 49.24</a>             |
| CIELCh                              | <a href="#">67, 80.668, 142.381</a>              |
| Yxy                                 | <a href="#">36.4790, 0.2871,<br/>0.5456</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4279352386<br/>(0xFF11BC42)</a>      |
| YUV                                 | <a href="#">122.9630, -28.0828,<br/>-92.9296</a> |
| Hunter-Lab                          | <a href="#">60.3978, -48.9590,<br/>31.3000</a>   |

# Details

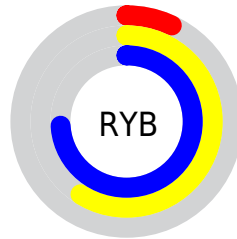
The Hex color **11BC42** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BC118B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **66F677**, and **008504** is the 20% darker color. If you saturate the color by 10%, you get **00BC36**, and if you desaturate by 10%, it is **24BC4F**.

# Distribution



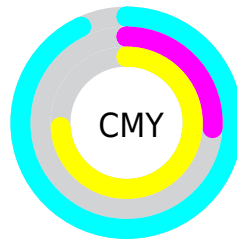
- Red (7%)
- Green (74%)
- Blue (26%)



- Red (7%)
- Yellow (59%)
- Blue (74%)



- Cyan (91%)
- Magenta (0%)
- Yellow (65%)
- Black (26%)




- Cyan (93%)
- Magenta (26%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11BC42 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 11BC42 by changing the saturation by 10% instead.



 11BC42

 11BC42

FFFFFF

 00A027

 66F677

 008504

 85FF92

 006B00

 A4FFAD

 005100


 C2FFC9


 003900

 E1FFE6

 002000

 000000

 11BC42

 11BC42

 00BC36

 24BC4F

 37BC5D

 49BC6A

 5CBC78

 6FBC85

 82BC92

 95BCA0

 A7BCAD

 BABCBB

# Harmonies

## Analogous

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



8FAF00



11BC42



00C28D

# Triad

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



11BC42



00B1FF



FF5970

# Complementary

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



11BC42



BC118B

# 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.



FF54B9



11BC42



7698FF

# Square

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



11BC42



00BFFF



E774FC



FF792C

# Rectangle

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



11BC42



00C3C0



E774FC



FF5288

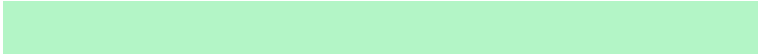


# Sweetspot

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



11BC42



B3F5C6



8CBC11



537A5E



FAFAFA



7A7A7A



# Same Dimension

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



11BC42



00F546



11BC97



555E58



009E2D



001F09



# Inverse Universe

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



BC118B



F500AF



BC1136



5E555C



9E0071

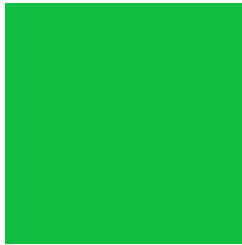


1F0016



# Previews

## White Background



This preview shows how the Hex color 11BC42 looks on a white background.

## Color Contrast Check

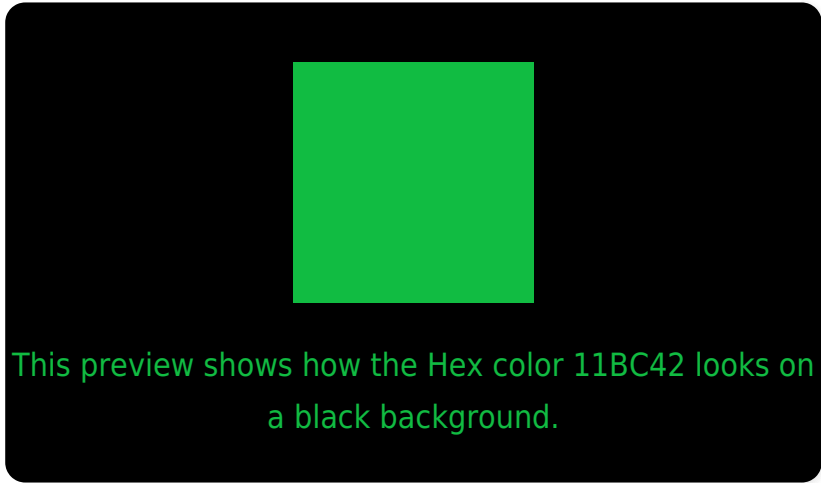
Large Text (above 18pt) WCAG AA × Fail

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 11BC42 Background



This preview shows how black text looks on a background with the Hex color 11BC42.

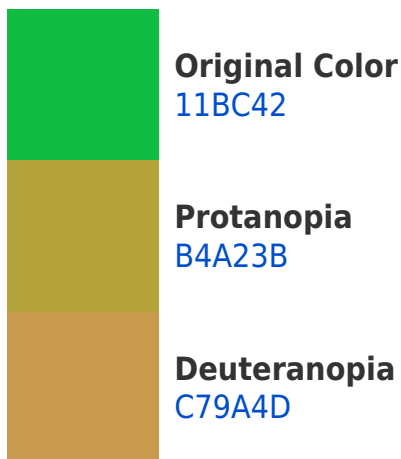


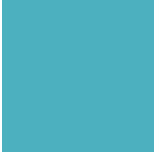
This preview shows how white text looks on a background with the Hex color 11BC42.

# 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**  
4DB0BE

# Trichromacy



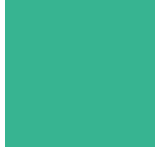
**Original Color**  
11BC42



**Protanomaly**  
79AB3E



**Deuteranomaly**  
85A649



**Tritanomaly**  
37B491

# Monochromacy



**Original Color**  
11BC42



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
549366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11BC42 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 #11BC42 looks like.

```
.text, #text, p{  
    color:#11BC42  
}
```

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 #11BC42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11BC42
}
```

## Border

The CSS property to change the border of an element to Hex 11BC42 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
#11BC42 }
```

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

```
.border{ border-color:#11BC42 }
```

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

Here you see how a box with a 4 pixel #11BC42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11BC42; -webkit-box-shadow:4px 4px  
4px 4px #11BC42; box-shadow:4px 4px 4px  
4px #11BC42 }
```

# Background

The CSS property to change the background color of an element to Hex 11BC42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11BC42 }
```

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

```
.background{ background-color:#11BC42 }
```

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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