

Converting Colors

Hex(1BCB22)

Have a look what the booklet for
Hex(1BCB22) contains.

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Color

Hex(1BCB22)

Conversions

Conversions Part 1

Format	Color
Hex	1BCB22
RGB	27, 203, 34
RGB Percent	11%, 80%, 13%
CMY	0.8941, 0.2039, 0.8667
CMYK	0.87, 0.00, 0.83, 0.20
HSL	122°, 77%, 45%
HSV	122°, 87%, 80%
XYZ	22.0967, 43.0604, 8.6602
YIQ	131.1100, -50.6470, -89.8710

Conversions

Conversions Part 2

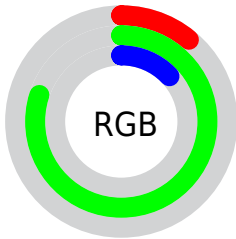
Format	Color
RYB	27, 196, 203
Decimal	1821474
CIELab	71.60, -70.12, 65.02
CIELCh	72, 95.627, 137.165
Yxy	43.0604, 0.2993, 0.5833
Android (android.graphics.Color)	4280011554 (0xFF1BCB22)
YUV	131.1100, -47.8752, -91.3045
Hunter-Lab	65.6204, -54.7286, 38.1095

Details

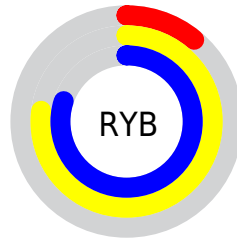
The Hex color **1BCB22** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CB1BC4**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FFF5F**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **07CB0F**, and if you desaturate by 10%, it is **2FCB35**.

Distribution



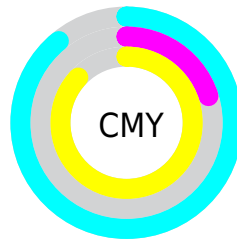
- Red (11%)
- Green (80%)
- Blue (13%)



- Red (11%)
- Yellow (77%)
- Blue (80%)



- Cyan (87%)
- Magenta (0%)
- Yellow (83%)
- Black (20%)



- Cyan (89%)
- Magenta (20%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BCB22 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 1BCB22 by changing the saturation by 10% instead.

 1BCB22

 1BCB22

FFFFFF

 00AF00

 6FFF5F

 009300

 8FFF7B

 007800

 AEFF97

 005E00

 CDFFB4

 004400

 ECFFD1

 002C00

 FFFFEE

 000B00

 000000

 1BCB22

 1BCB22

 07CB0F

 2FCB35

 00CB08

 44CB49

 58CB5C

 6CCB70

 81CB83

 95CB97

 A9CBAA

 BDCBBE

 D2CBD1

Harmonies

Analogous

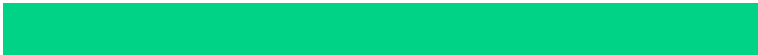
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5BB00



1BCB22



00D385

Triad

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



1BCB22



00C5FF



FF4482

Complementary

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



1BCB22



CB1BC4

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.



FF4AD9



1BCB22



25A9FF

Square

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



1BCB22



00D2FF



EF7DFF



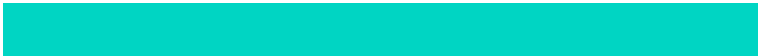
FF732C

Rectangle

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



1BCB22



00D5C3



EF7DFF



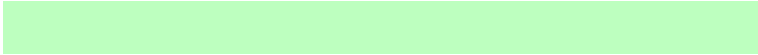
FF3D9E

Sweetspot

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



1BCB22



BDFFBF



C5CB1B



58805A



000000



808080

Same Dimension

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



1BCB22



00FF0A



1BCB79



5C665C



00A607



002602

Inverse Universe

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



CB1BC4



FF00F5



CB1B6D



665C66



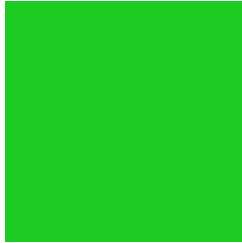
A6009F



260025

Previews

White Background



This preview shows how the Hex color 1BCB22 looks on a white background.

Color Contrast Check

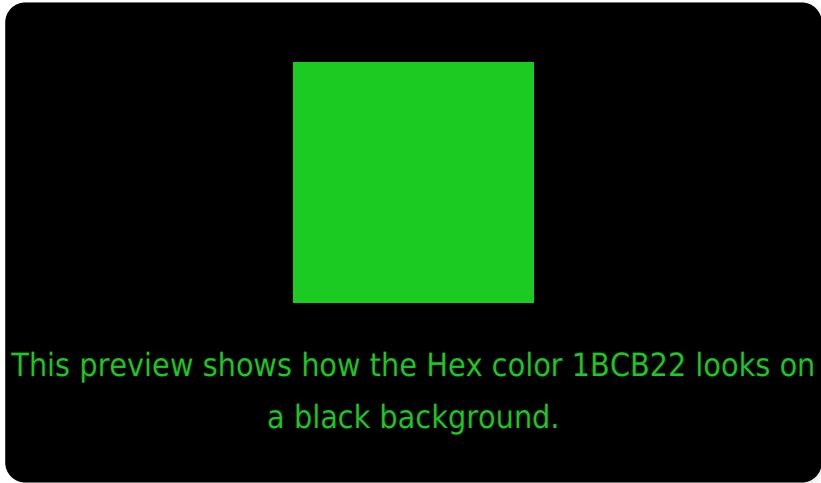
Large Text (above 18pt) WCAG AA × Fail

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 1BCB22 Background



This preview shows how black text looks on a background with the Hex color 1BCB22.

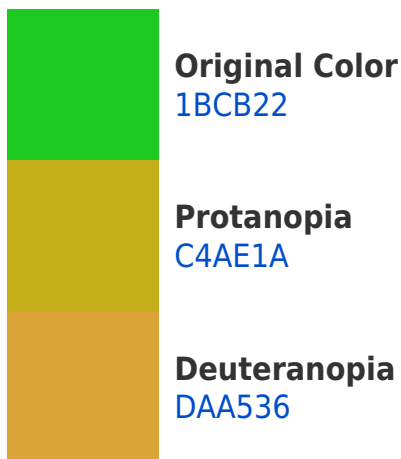


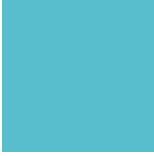
This preview shows how white text looks on a background with the Hex color 1BCB22.

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
58BDCC

Trichromacy



Original Color
1BCB22



Protanomaly
87B91D



Deuteranomaly
95B32F



Tritanomaly
42C28E

Monochromacy



Original Color
1BCB22



Achromatopsia
838383



Achromatomaly
5D9D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BCB22 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 #1BCB22 looks like.

```
.text, #text, p{  
    color:#1BCB22  
}
```

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 #1BCB22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BCB22
}
```

Border

The CSS property to change the border of an element to Hex 1BCB22 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
#1BCB22 }
```

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

```
.border{ border-color:#1BCB22 }
```

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

Here you see how a box with a 4 pixel #1BCB22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BCB22; -webkit-box-shadow:4px 4px  
4px 4px #1BCB22; box-shadow:4px 4px 4px  
4px #1BCB22 }
```

Background

The CSS property to change the background color of an element to Hex 1BCB22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BCB22 }
```

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

```
.background{ background-color:#1BCB22 }
```

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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