

# Converting Colors

Hex(1BEB14)

Have a look what the booklet for  
Hex(1BEB14) contains.

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# Color

Hex(1BEB14)

# Conversions

## Conversions Part 1

Format	Color
Hex	1BEB14
RGB	27, 235, 20
RGB Percent	11%, 92%, 8%
CMY	0.8941, 0.0784, 0.9216
CMYK	0.89, 0.00, 0.91, 0.08
HSL	118°, 84%, 50%
HSV	118°, 91%, 92%
XYZ	30.2866, 59.7002, 10.5888
YIQ	148.2980, -54.9530, -110.9610

# Conversions

## Conversions Part 2

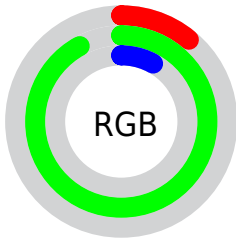
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 235, 228
Decimal	1829652
CIE <sub>Lab</sub>	81.67, -79.50, 76.43
CIE <sub>LCh</sub>	82, 110.282, 136.127
Yxy	59.7002, 0.3011, 0.5936
Android (android.graphics.Color)	4280019732 (0xFF1BEB14)
YUV	148.2980, -63.2509, -106.3783
Hunter-Lab	77.2659, -65.2471, 45.9608

# Details

The Hex color **1BEB14** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E414EB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **77FF5E**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **08EB00**, and if you desaturate by 10%, it is **32EB2C**.

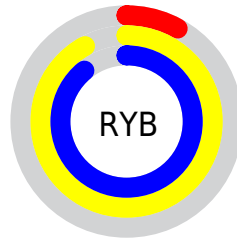
# Distribution



Red (11%)

Green (92%)

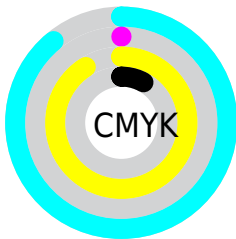
Blue (8%)



Red (8%)

Yellow (92%)

Blue (89%)

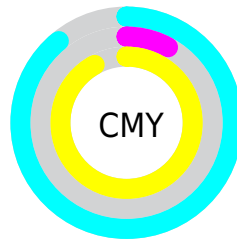


Cyan (89%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (89%)

Magenta (8%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BEB14 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 1BEB14 by changing the saturation by 10% instead.



 1BEB14

 1BEB14

FFFFFF

 00CE00

 77FF5E

 00B100

 99FF7B

 009500

 BAFF98

 007A00

 DAFFB6

 005F00

 FAFFD3

 004600

 FFFFF1

 002C00

 000B00

 000000

 1BEB14

 1BEB14

 08EB00

 32EB2C

 48EB43

 5FEB5B

 76EB72

 8DEB8A

 A3EBA1

 BAEBB9

 D1EBD0

 E8EBE8

# Harmonies

## Analogous

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



C1D700



1BEB14



00F496

# Triad

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



1BEB14



00E5FF



FF4399

# Complementary

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



1BEB14



E414EB

# 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.



FF4EFF



1BEB14



00C5FF

# Square

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



1BEB14



00F4FF



FF90FF



FF8032

# Rectangle

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



1BEB14



00F7DE



FF90FF



FF39BB

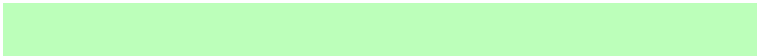


# Sweetspot

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



1BEB14



BCFFBA



EBE414



588057



000000



808080



# Same Dimension

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



1BEB14



08FF00



14EB78



6A756A



06B500



023600



# Inverse Universe

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



E414EB



F700FF



EB1487



756A75



AF00B5

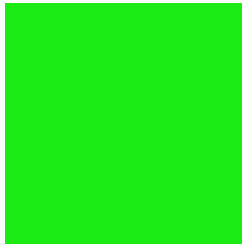


340036



# Previews

## White Background



This preview shows how the Hex color 1BEB14 looks on a white background.

## Color Contrast Check

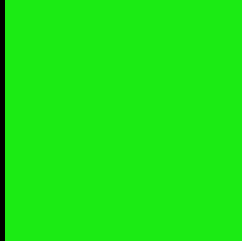
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1BEB14 looks on a 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 1BEB14 Background



This preview shows how black text looks on a background with the Hex color 1BEB14.



This preview shows how white text looks on a background with the Hex color 1BEB14.

# 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](#).

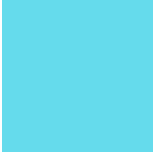
## Dichromacy



**Original Color**  
1BEB14

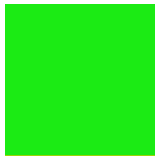
**Protanopia**  
E3C900

**Deuteranopia**  
FCBF36



**Tritanopia**  
65DBEC

# Trichromacy



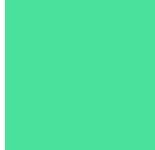
**Original Color**  
1BEB14



**Protanomaly**  
9AD507

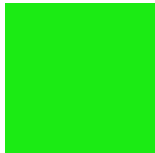


**Deuteranomaly**  
AACF2A



**Tritanomaly**  
4AE19D

# Monochromacy



**Original Color**  
1BEB14



**Achromatopsia**  
949494



**Achromatomaly**  
68B465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BEB14 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 #1BEB14 looks like.

```
.text, #text, p{  
    color:#1BEB14  
}
```

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 #1BEB14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BEB14
}
```

## Border

The CSS property to change the border of an element to Hex 1BEB14 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
#1BEB14 }
```

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

```
.border{ border-color:#1BEB14 }
```

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

Here you see how a box with a 4 pixel #1BEB14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BEB14; -webkit-box-shadow:4px 4px  
4px 4px #1BEB14; box-shadow:4px 4px 4px  
4px #1BEB14 }
```

# Background

The CSS property to change the background color of an element to Hex 1BEB14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BEB14 }
```

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

```
.background{ background-color:#1BEB14 }
```

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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