

Converting Colors

Hex(1EEA15)

Have a look what the booklet for
Hex(1EEA15) contains.

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Color

Hex(1EEA15)

Conversions

Conversions Part 1

Format	Color
Hex	1EEA15
RGB	30, 234, 21
RGB Percent	12%, 92%, 8%
CMY	0.8824, 0.0824, 0.9176
CMYK	0.87, 0.00, 0.91, 0.08
HSL	117°, 84%, 50%
HSV	117°, 91%, 92%
XYZ	30.0936, 59.1758, 10.5454
YIQ	148.7220, -53.2110, -109.4910

Conversions

Conversions Part 2

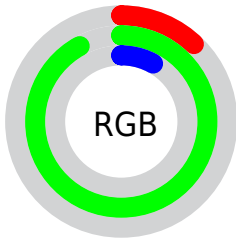
Format	Color
RYB	21, 234, 225
Decimal	2026005
CIELab	81.39, -78.99, 76.06
CIELCh	81, 109.659, 136.081
Yxy	59.1758, 0.3015, 0.5929
Android (android.graphics.Color)	4280216085 (0xFF1EEA15)
YUV	148.7220, -62.9669, -104.1192
Hunter-Lab	76.9258, -64.7905, 45.7202

Details

The Hex color **1EEA15** 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 **E115EA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **78FF5E**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **0AEA00**, and if you desaturate by 10%, it is **34EA2C**.

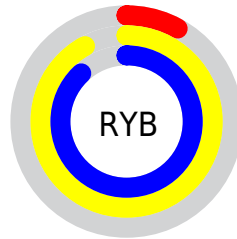
Distribution



Red (12%)

Green (92%)

Blue (8%)



Red (8%)

Yellow (92%)

Blue (88%)

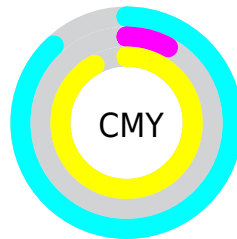


Cyan (87%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (88%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EEA15 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 1EEA15 by changing the saturation by 10% instead.

 1EEA15

 1EEA15

FFFFFF

 00CD00

 78FF5E

 00B000

 9AFF7B

 009500

 BBFF99

 007900

 DBFFB6

 005F00

 FBFFD3

 004500

 FFFFF1

 002C00

 000900

 000000

 1EEA15

 1EEA15

 0AEA00

 34EA2C

 4BEA44

 61EA5B

 78EA73

 8EEA8A

 A4EAA1

 BBEAB9

 D1EAD0

 E8EAE8

Harmonies

Analogous

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



C0D700



1EEA15



00F395

Triad

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



1EEA15



00E4FF



FF4498

Complementary

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



1EEA15



E115EA

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.



FF4FFF



1EEA15



00C4FF

Square

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



1EEA15



00F3FF



FF90FF



FF8032

Rectangle

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



1EEA15



00F6DD



FF90FF



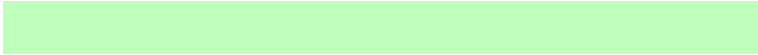
FF3ABA

Sweetspot

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



1EEA15



BDFFB4



EADF15



588057



000000



808080

Same Dimension

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



1EEA15



0BFF00



15EA75



6A756A



08B500



023600

Inverse Universe

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



E115EA



F400FF



EA158A



756A75



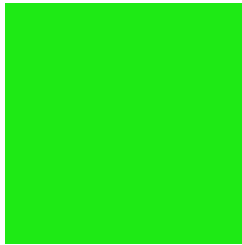
AD00B5



330036

Previews

White Background



This preview shows how the Hex color 1EEA15 looks on a white background.

Color Contrast Check

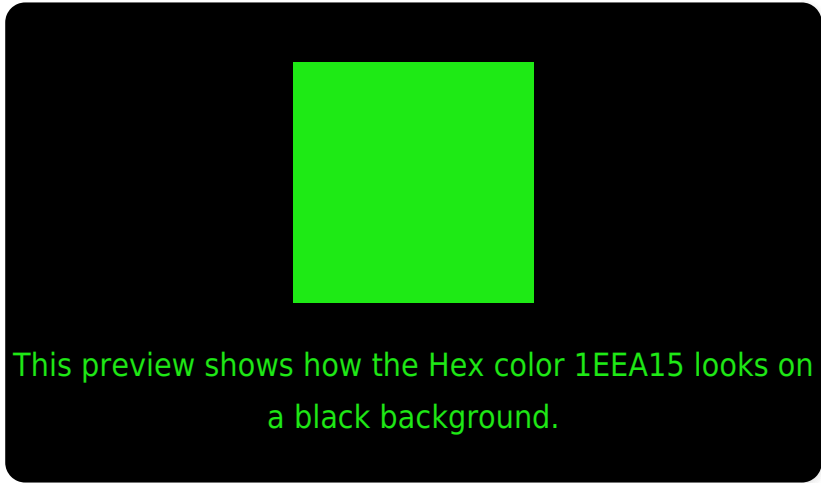
Large Text (above 18pt) WCAG AA × Fail

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 1EEA15 Background



This preview shows how black text looks on a background with the Hex color 1EEA15.

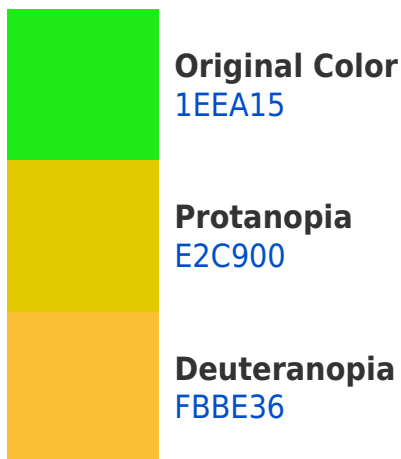


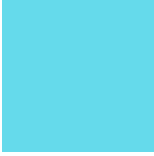
This preview shows how white text looks on a background with the Hex color 1EEA15.

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](#).

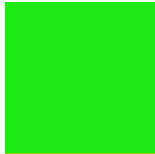
Dichromacy





Tritanopia
65DAEB

Trichromacy



Original Color
1EEA15



Protanomaly
9BD508

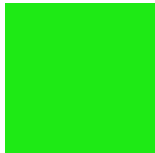


Deuteranomaly
ABCE2A



Tritanomaly
4BE09D

Monochromacy



Original Color
1EEA15



Achromatopsia
959595



Achromatomaly
6AB466

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EEA15 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 #1EEA15 looks like.

```
.text, #text, p{  
    color:#1EEA15  
}
```

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 #1EEA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EEA15
}
```

Border

The CSS property to change the border of an element to Hex 1EEA15 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
#1EEA15 }
```

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

```
.border{ border-color:#1EEA15 }
```

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

Here you see how a box with a 4 pixel #1EEA15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EEA15; -webkit-box-shadow:4px 4px  
4px 4px #1EEA15; box-shadow:4px 4px 4px  
4px #1EEA15 }
```

Background

The CSS property to change the background color of an element to Hex 1EEA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EEA15 }
```

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

```
.background{ background-color:#1EEA15 }
```

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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