

Converting Colors

Hex(1EB150)

Have a look what the booklet for
Hex(1EB150) contains.

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Color

Hex(1EB150)

Conversions

Conversions Part 1

Format	Color
Hex	1EB150
RGB	30, 177, 80
RGB Percent	12%, 69%, 31%
CMY	0.8824, 0.3059, 0.6863
CMYK	0.83, 0.00, 0.55, 0.31
HSL	140°, 71%, 41%
HSV	140°, 83%, 69%
XYZ	17.7055, 32.2995, 12.8907
YIQ	121.9890, -56.4750, -61.3310

Conversions

Conversions Part 2

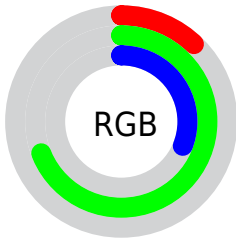
Format	Color
RYB	30, 140, 177
Decimal	2011472
CIELab	63.59, -57.50, 39.02
CIELCh	64, 69.490, 145.841
Yxy	32.2995, 0.2815, 0.5135
Android (android.graphics.Color)	4280201552 (0xFF1EB150)
YUV	121.9890, -20.7006, -80.6744
Hunter-Lab	56.8326, -43.8476, 26.3348

Details

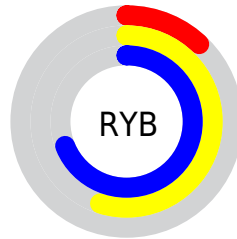
The Hex color **1EB150** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B11E7F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **67EA83**, and **007B1E** is the 20% darker color. If you saturate the color by 10%, you get **0CB144**, and if you desaturate by 10%, it is **30B15C**.

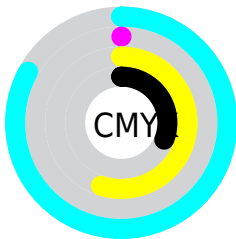
Distribution



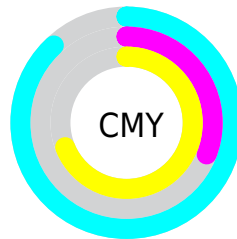
- Red (12%)
- Green (69%)
- Blue (31%)



- Red (12%)
- Yellow (55%)
- Blue (69%)



- Cyan (83%)
- Magenta (0%)
- Yellow (55%)
- Black (31%)



- Cyan (88%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EB150 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 1EB150 by changing the saturation by 10% instead.

 1EB150

 1EB150

FFFFFF

 009637

 67EA83

 007B1E

 85FF9E

 006100

 A3FFBA

 004800

 C1FFD6

 003100

 DFFFF3

 001500

FDFFFF

 000000

 1EB150

 1EB150

 0CB144

 30B15C

 00B13C

 41B167

 53B173

 65B17F

 76B18A

 88B196

 9AB1A2

 ACB1AD

 BDB1B9

Harmonies

Analogous

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



84A614



1EB150



00B68F

Triad

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



1EB150



00A4FF



FF6268

Complementary

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



1EB150



B11E7F

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.



FF5BA5



1EB150



888DFF

Square

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



1EB150



00B1FF



DC70E0



ED7B31

Rectangle

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



1EB150



00B7BA



DC70E0



FF5C7C

Sweetspot

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



1EB150



ACE6C0



80B11E



50735C



F2F2F2



737373

Same Dimension

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



1EB150



00E64E



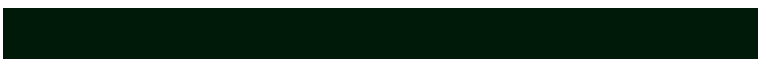
1EB198



505953



009934



001A09

Inverse Universe

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



B11E7F



E60097



B11E37



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 1EB150 looks on a white background.

Color Contrast Check

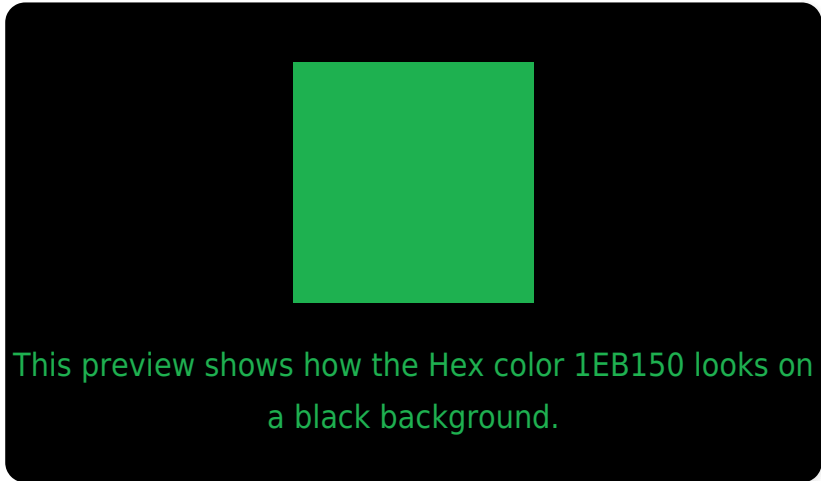
Large Text (above 18pt) WCAG AA × Fail

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 1EB150 Background



This preview shows how black text looks on a background with the Hex color 1EB150.

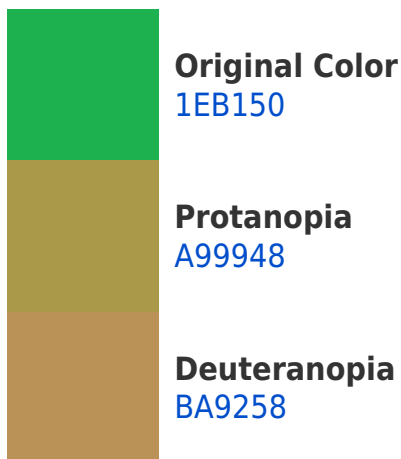


This preview shows how white text looks on a background with the Hex color 1EB150.

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
4AA6B4

Trichromacy



Original Color
1EB150



Protanomaly
76A24B



Deuteranomaly
819D55



Tritanomaly
3AAA90

Monochromacy



Original Color
1EB150



Achromatopsia
7A7A7A



Achromatomaly
598E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EB150 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 #1EB150 looks like.

```
.text, #text, p{  
    color:#1EB150  
}
```

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 #1EB150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EB150
}
```

Border

The CSS property to change the border of an element to Hex 1EB150 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
#1EB150 }
```

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

```
.border{ border-color:#1EB150 }
```

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

Here you see how a box with a 4 pixel #1EB150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EB150; -webkit-box-shadow:4px 4px  
4px 4px #1EB150; box-shadow:4px 4px 4px  
4px #1EB150 }
```

Background

The CSS property to change the background color of an element to Hex 1EB150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EB150 }
```

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

```
.background{ background-color:#1EB150 }
```

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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