

Converting Colors

Hex(15C245)

Have a look what the booklet for
Hex(15C245) contains.

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Color

Hex(15C245)

Conversions

Conversions Part 1

Format	Color
Hex	15C245
RGB	21, 194, 69
RGB Percent	8%, 76%, 27%
CMY	0.9176, 0.2392, 0.7294
CMYK	0.89, 0.00, 0.64, 0.24
HSL	137°, 80%, 42%
HSV	137°, 89%, 76%
XYZ	20.6752, 39.1727, 12.1016
YIQ	128.0230, -62.9830, -75.5510

Conversions

Conversions Part 2

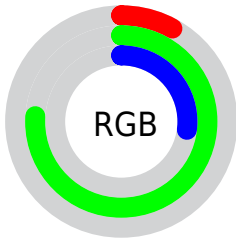
Format	Color
RYB	21, 156, 194
Decimal	1425989
CIELab	68.88, -65.14, 50.18
CIELCh	69, 82.227, 142.392
Yxy	39.1727, 0.2874, 0.5444
Android (android.graphics.Color)	4279616069 (0xFF15C245)
YUV	128.0230, -29.0983, -93.8592
Hunter-Lab	62.5881, -50.5638, 32.3477

Details

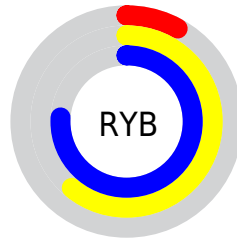
The Hex color **15C245** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C21592**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **69FC7A**, and **008B07** is the 20% darker color. If you saturate the color by 10%, you get **02C237**, and if you desaturate by 10%, it is **28C253**.

Distribution



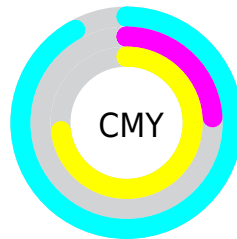
- Red (8%)
- Green (76%)
- Blue (27%)



- Red (8%)
- Yellow (61%)
- Blue (76%)



- Cyan (89%)
- Magenta (0%)
- Yellow (64%)
- Black (24%)



- Cyan (92%)
- Magenta (24%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C245 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 15C245 by changing the saturation by 10% instead.

 15C245

 15C245

FFFFFF

 00A62A

 69FC7A

 008B07

 88FF95

 007000

 A7FFB1

 005600

 C6FFCD

 003D00

 E4FFEA

 002500

 000000

 15C245

 15C245

 02C237

 28C253

 00C236

 3CC261

 4FC26F

 63C27D

 76C28B

 89C299

 9DC2A7

 B0C2B5

 C4C2C3

Harmonies

Analogous

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



94B500



15C245



00C892

Triad

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



15C245



00B7FF



FF5C74

Complementary

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



15C245



C21592

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.



FF58BE



15C245



7A9DFF

Square

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



15C245



00C5FF



EE78FF



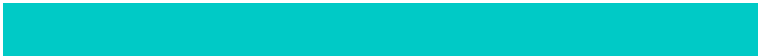
FF7E2E

Rectangle

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



15C245



00CAC6



EE78FF



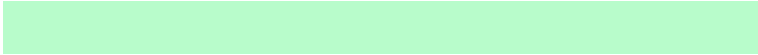
FF568D

Sweetspot

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



15C245



B8FCCB



94C215



578062



000000



808080

Same Dimension

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



15C245



00FC46



15C29A



57615A



00A12D



002109

Inverse Universe

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



C21592



FC00B6



C2153D



61575E



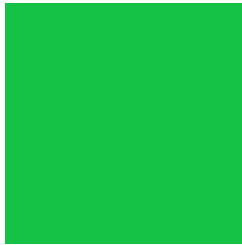
A10074



210018

Previews

White Background



This preview shows how the Hex color 15C245 looks on a white background.

Color Contrast Check

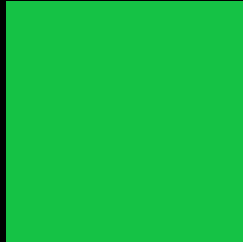
Large Text (above 18pt) WCAG AA × Fail

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 15C245 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 15C245 Background



This preview shows how black text looks on a background with the Hex color 15C245.

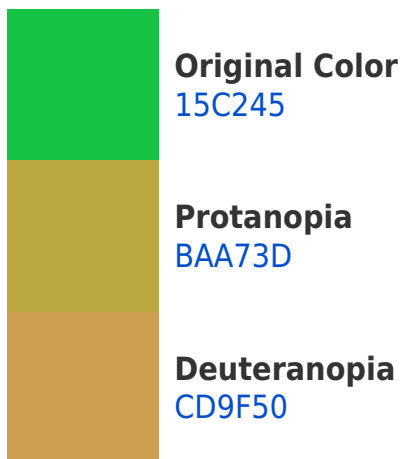


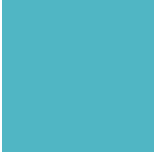
This preview shows how white text looks on a background with the Hex color 15C245.

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
50B6C4

Trichromacy



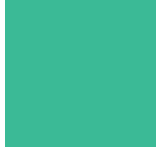
Original Color
15C245



Protanomaly
7EB140



Deuteranomaly
8AAC4C



Tritanomaly
3BBA96

Monochromacy



Original Color
15C245



Achromatopsia
808080



Achromatomaly
59986B

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C245 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 #15C245 looks like.

```
.text, #text, p{  
    color:#15C245  
}
```

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 #15C245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C245
}
```

Border

The CSS property to change the border of an element to Hex 15C245 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
#15C245 }
```

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

```
.border{ border-color:#15C245 }
```

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

Here you see how a box with a 4 pixel #15C245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C245; -webkit-box-shadow:4px 4px  
4px 4px #15C245; box-shadow:4px 4px 4px  
4px #15C245 }
```

Background

The CSS property to change the background color of an element to Hex 15C245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C245 }
```

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

```
.background{ background-color:#15C245 }
```

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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