

Converting Colors

Hex(15EB2F)

Have a look what the booklet for
Hex(15EB2F) contains.

Hex(15EB2F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(15EB2F)

Conversions

Conversions Part 1

Format	Color
Hex	15EB2F
RGB	21, 235, 47
RGB Percent	8%, 92%, 18%
CMY	0.9176, 0.0784, 0.8157
CMYK	0.91, 0.00, 0.80, 0.08
HSL	127°, 84%, 50%
HSV	127°, 91%, 92%
XYZ	30.5307, 59.7813, 12.6191
YIQ	149.5820, -67.1960, -103.8360

Conversions

Conversions Part 2

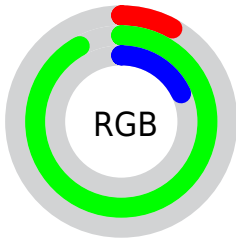
Format	Color
R_{YB}	21, 212, 235
Decimal	1436463
CIE _{Lab}	81.72, -78.78, 70.97
CIE _{LCh}	82, 106.030, 137.984
Yxy	59.7813, 0.2966, 0.5808
Android (android.graphics.Color)	4279626543 (0xFF15EB2F)
YUV	149.5820, -50.5729, -112.7664
Hunter-Lab	77.3184, -64.8229, 44.4461

Details

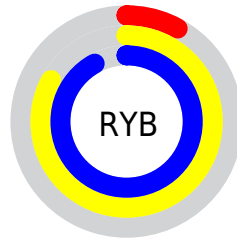
The Hex color **15EB2F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EB15D1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **75FF6C**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **00EB1D**, and if you desaturate by 10%, it is **2DEB44**.

Distribution



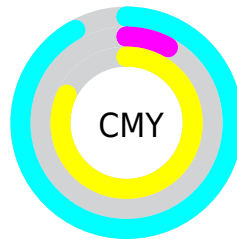
- Red (8%)
- Green (92%)
- Blue (18%)



- Red (8%)
- Yellow (83%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (80%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15EB2F 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 15EB2F by changing the saturation by 10% instead.

 15EB2F

 15EB2F


FFFFFF

 00CE00

 75FF6C

 00B100

 97FF89

 009500

 B8FFA6

 007A00

 D8FFC3

 005F00

 F8FFE0

 004600

FFFFFFE

 002C00

 000C00

 000000

 15EB2F

 15EB2F

 00EB1D

 2DEB44

 44EB58

 5CEB6D

 73EB82

 8BEB96

 A2EBAB

 BAEB0

 D1EBD4

 E9EBE9

Harmonies

Analogous

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



BCD900



15EB2F



00F49E

Triad

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



15EB2F



00E3FF



FF5394

Complementary

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



15EB2F



EB15D1

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.



FF57F8



15EB2F



45C3FF

Square

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



15EB2F



00F2FF



FF90FF



FF8832

Rectangle

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



15EB2F



00F6E4



FF90FF



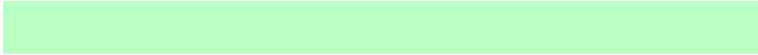
FF4AB5

Sweetspot

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



15EB2F



BAFFC3



D2EB15



57805C



000000



808080

Same Dimension

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



15EB2F



00FF1F



15EB99



6A756B



00B516



003607

Inverse Universe

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



EB15D1



FF00E0



EB1567



756A74



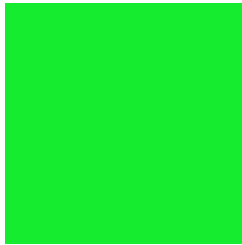
B5009F



36002F

Previews

White Background



This preview shows how the Hex color 15EB2F 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 15EB2F 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 15EB2F Background



This preview shows how black text looks on a background with the Hex color 15EB2F.

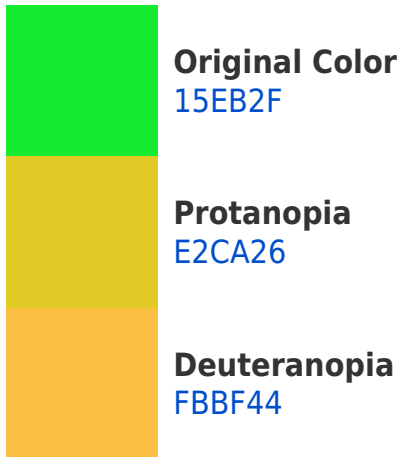


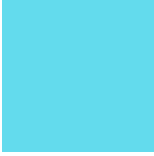
This preview shows how white text looks on a background with the Hex color 15EB2F.

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](#).

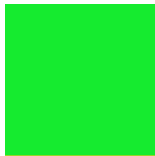
Dichromacy





Tritanopia
63DBED

Trichromacy



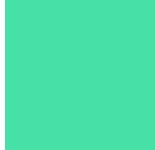
Original Color
15EB2F



Protanomaly
97D629



Deuteranomaly
A7CF3C



Tritanomaly
47E1A8

Monochromacy



Original Color
15EB2F



Achromatopsia
969696



Achromatomaly
67B571

CSS Examples

Text

The CSS property to change the color of the text to Hex 15EB2F 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 #15EB2F looks like.

```
.text, #text, p{  
    color:#15EB2F  
}
```

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 #15EB2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15EB2F
}
```

Border

The CSS property to change the border of an element to Hex 15EB2F 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
#15EB2F }
```

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

```
.border{ border-color:#15EB2F }
```

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

Here you see how a box with a 4 pixel #15EB2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15EB2F; -webkit-box-shadow:4px 4px  
4px 4px #15EB2F; box-shadow:4px 4px 4px  
4px #15EB2F }
```

Background

The CSS property to change the background color of an element to Hex 15EB2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15EB2F }
```

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

```
.background{ background-color:#15EB2F }
```

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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