

# Converting Colors

Hex(15EA6C)

Have a look what the booklet for  
Hex(15EA6C) contains.

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# Color

Hex(15EA6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	15EA6C
RGB	21, 234, 108
RGB Percent	8%, 92%, 42%
CMY	0.9176, 0.0824, 0.5765
CMYK	0.91, 0.00, 0.54, 0.08
HSL	145°, 84%, 50%
HSV	145°, 91%, 92%
XYZ	32.4389, 60.0878, 24.0758
YIQ	155.9490, -86.5020, -84.3420

# Conversions

## Conversions Part 2

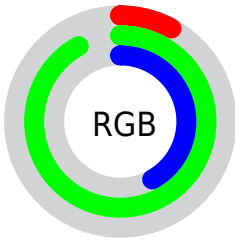
Format	Color
<a href="#">RYB</a>	<a href="#">21, 172, 234</a>
Decimal	<a href="#">1436268</a>
CIELab	<a href="#">81.89, -72.50, 47.83</a>
CIELCh	<a href="#">82, 86.858, 146.588</a>
Yxy	<a href="#">60.0878, 0.2782, 0.5153</a>
Android (android.graphics.Color)	<a href="#">4279626348 (0xFF15EA6C)</a>
YUV	<a href="#">155.9490, -23.6389, -118.3503</a>
Hunter-Lab	<a href="#">77.5163, -60.9552, 35.8466</a>

# Details

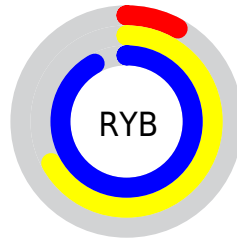
The Hex color **15EA6C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EA1593**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFA2**, and **00B138** is the 20% darker color. If you saturate the color by 10%, you get **00EA60**, and if you desaturate by 10%, it is **2CEA7A**.

# Distribution



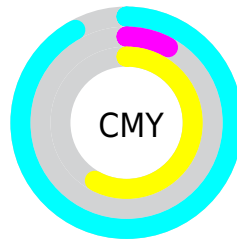
- Red (8%)
- Green (92%)
- Blue (42%)



- Red (8%)
- Yellow (67%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (54%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15EA6C 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 15EA6C by changing the saturation by 10% instead.



 15EA6C

 15EA6C

FFFFFF

 00CD52

 72FFA2

 00B138

 94FFBE

 00951C

 B4FFDA

 007A00

 D3FFF7

 005F00

 F3FFFF

 004500

 002D00

 000D00

 000000

 15EA6C

 15EA6C

 00EA60

 2CEA7A

 44EA88

 5BEA96

 73EAA3

 8AEAB1

 A1EABF

 B9EACD

 D0EADB

 E8EAE9

# Harmonies

## Analogous

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



ACDC19



15EA6C



00F0BF

# Triad

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



15EA6C



00D8FF



FF8188

# Complementary

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



15EA6C



EA1593

# 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.



FF78D8



15EA6C



B7BAFF

# Square

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



15EA6C



00EAFB



FF94FF



FFA33F

# Rectangle

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



15EA6C



00F1F8



FF94FF



FF7AA2

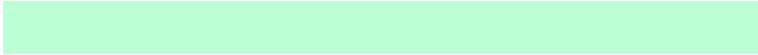


# Sweetspot

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



15EA6C



BAFFD6



95EA15



578067



000000



808080



# Same Dimension

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



15EA6C



00FF68



15EAD5



6A756E



00B54A



003616



# Inverse Universe

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



EA1593



FF0097



EA152A



756A71



B5006B

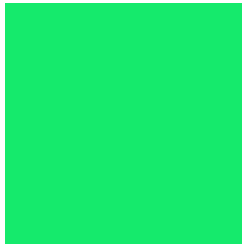


360020



# Previews

## White Background



This preview shows how the Hex color 15EA6C looks on a white background.

## Color Contrast Check

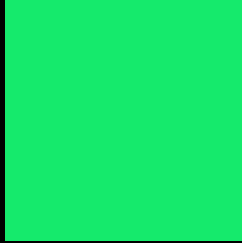
Large Text (above 18pt) WCAG AA × Fail

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 15EA6C 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

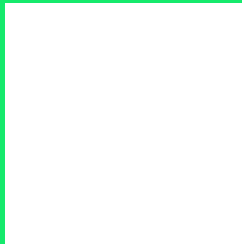
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15EA6C Background



This preview shows how black text looks on a background with the Hex color 15EA6C.

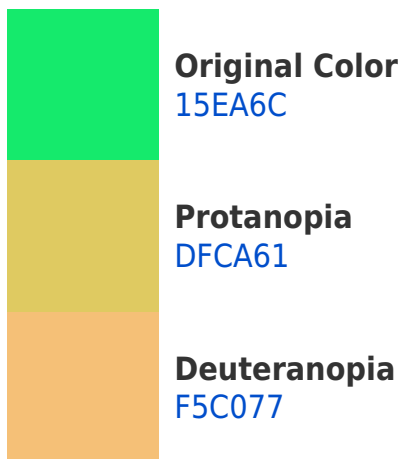


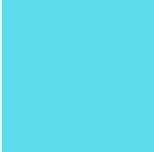
This preview shows how white text looks on a background with the Hex color 15EA6C.

# Color Blindness Simulation

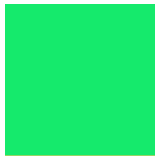
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



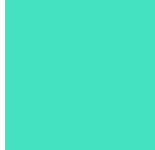
**Original Color**  
15EA6C



**Protanomaly**  
96D665



**Deuteranomaly**  
A4CF73



**Tritanomaly**  
43E1BF

# Monochromacy



**Original Color**  
15EA6C



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
6BB88B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15EA6C 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 #15EA6C looks like.

```
.text, #text, p{  
    color:#15EA6C  
}
```

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 #15EA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15EA6C
}
```

## Border

The CSS property to change the border of an element to Hex 15EA6C 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
#15EA6C }
```

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

```
.border{ border-color:#15EA6C }
```

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

Here you see how a box with a 4 pixel #15EA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15EA6C; -webkit-box-shadow:4px 4px  
4px 4px #15EA6C; box-shadow:4px 4px 4px  
4px #15EA6C }
```

# Background

The CSS property to change the background color of an element to Hex 15EA6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15EA6C }
```

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

```
.background{ background-color:#15EA6C }
```

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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