

# Converting Colors

Hex(15D755)

Have a look what the booklet for  
Hex(15D755) contains.

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**Color**

**Hex(15D755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15D755
RGB	21, 215, 85
RGB Percent	8%, 84%, 33%
CMY	0.9176, 0.1569, 0.6667
CMYK	0.90, 0.00, 0.60, 0.16
HSL	140°, 82%, 46%
HSV	140°, 90%, 84%
XYZ	26.2494, 49.4162, 16.7491
YIQ	142.1740, -73.8940, -81.5580

# Conversions

## Conversions Part 2

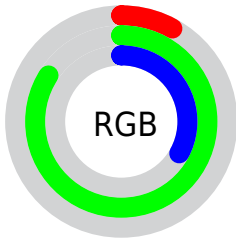
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 167, 215
Decimal	1431381
CIELab	75.71, -69.69, 50.96
CIELCh	76, 86.333, 143.826
Yxy	49.4162, 0.2840, 0.5347
Android (android.graphics.Color)	4279621461 (0xFF15D755)
YUV	142.1740, -28.1868, -106.2696
Hunter-Lab	70.2966, -56.3656, 35.0810

# Details

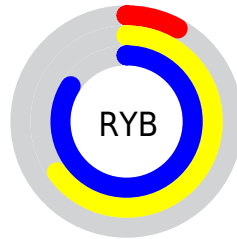
The Hex color **15D755** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D71597**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EFF8B**, and **009E1E** is the 20% darker color. If you saturate the color by 10%, you get **00D747**, and if you desaturate by 10%, it is **2BD763**.

# Distribution



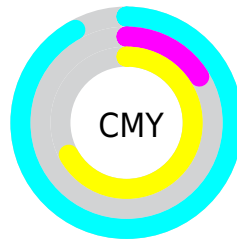
- Red (8%)
- Green (84%)
- Blue (33%)



- Red (8%)
- Yellow (65%)
- Blue (84%)



- Cyan (90%)
- Magenta (0%)
- Yellow (60%)
- Black (16%)



- Cyan (92%)
- Magenta (16%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D755 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 15D755 by changing the saturation by 10% instead.



 15D755

 15D755

FFFFFF

 00BA3A

 6EFF8B

 009E1E

 8EFAA6

 008300

 AEFFC2

 006900

 CDFFDF

 004F00

 ECFFFC

 003700

 001C00

 000000

 15D755

 15D755

 00D747

 2BD763

 40D772

 56D780

 6BD78F

 81D79D

 96D7AB

 ACD7BA

 C1D7C8

 D7D7D7

# Harmonies

## Analogous

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



A2C900



15D755



00DEA7

# Triad

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



15D755



00C9FF



FF6D7F

# Complementary

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



15D755



D71597

# 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.



FF66CF



15D755



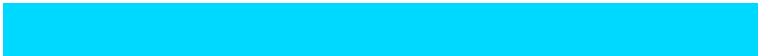
94ADFF

# Square

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



15D755



00D9FF



FF86FF



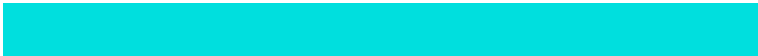
FF8F36

# Rectangle

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



15D755



00DFDE



FF86FF



FF6599

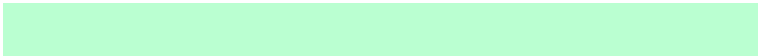


# Sweetspot

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



15D755



BAFFD1



9AD715



578064



000000



808080



# Same Dimension

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



15D755



00FF54



15D7B3



606B64



00AB38



002B0E



# Inverse Universe

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



D71597



FF00AB



D71539



6B6068



AB0072

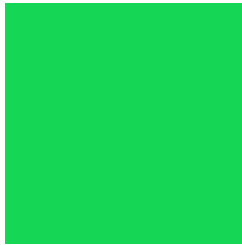


2B001D



# Previews

## White Background



This preview shows how the Hex color 15D755 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 15D755 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 15D755 Background



This preview shows how black text looks on a background with the Hex color 15D755.

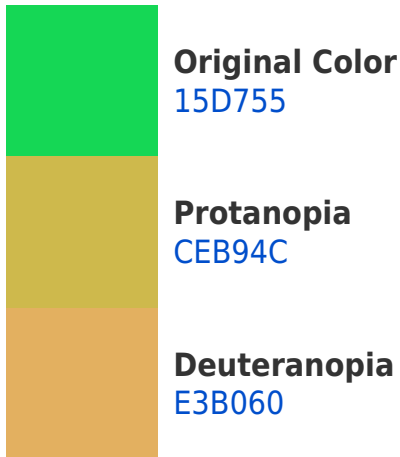


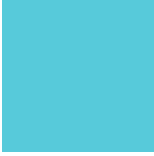
This preview shows how white text looks on a background with the Hex color 15D755.

# 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**  
15D755



**Protanomaly**  
8BC44F

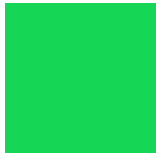


**Deuteranomaly**  
98BE5C



**Tritanomaly**  
3FCFAA

# Monochromacy



**Original Color**  
15D755



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
62A979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D755 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 #15D755 looks like.

```
.text, #text, p{  
    color:#15D755  
}
```

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 #15D755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D755
}
```

## Border

The CSS property to change the border of an element to Hex 15D755 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
#15D755 }
```

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

```
.border{ border-color:#15D755 }
```

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

Here you see how a box with a 4 pixel #15D755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D755; -webkit-box-shadow:4px 4px  
4px 4px #15D755; box-shadow:4px 4px 4px  
4px #15D755 }
```

# Background

The CSS property to change the background color of an element to Hex 15D755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D755 }
```

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

```
.background{ background-color:#15D755 }
```

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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