

Converting Colors

Hex(15D471)

Have a look what the booklet for
Hex(15D471) contains.

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Color

Hex(15D471)

Conversions

Conversions Part 1

Format	Color
Hex	15D471
RGB	21, 212, 113
RGB Percent	8%, 83%, 44%
CMY	0.9176, 0.1686, 0.5569
CMYK	0.90, 0.00, 0.47, 0.17
HSL	149°, 82%, 46%
HSV	149°, 90%, 83%
XYZ	26.8334, 48.4387, 23.5581
YIQ	143.6050, -82.0570, -71.2810

Conversions

Conversions Part 2

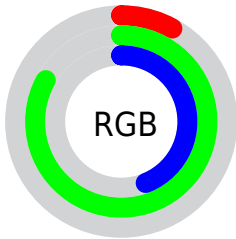
Format	Color
RYB	21, 150, 212
Decimal	1430641
CIELab	75.10, -64.67, 37.00
CIELCh	75, 74.507, 150.222
Yxy	48.4387, 0.2715, 0.4901
Android (android.graphics.Color)	4279620721 (0xFF15D471)
YUV	143.6050, -15.0883, -107.5246
Hunter-Lab	69.5979, -52.9758, 28.6495

Details

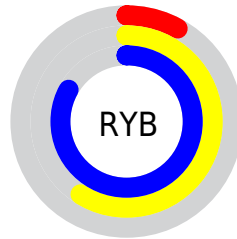
The Hex color **15D471** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D41578**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6CFFA6**, and **009C3F** is the 20% darker color. If you saturate the color by 10%, you get **00D466**, and if you desaturate by 10%, it is **2AD47C**.

Distribution



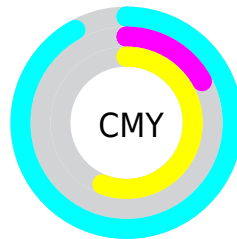
- Red (8%)
- Green (83%)
- Blue (44%)



- Red (8%)
- Yellow (59%)
- Blue (83%)



- Cyan (90%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (92%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15D471 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 15D471 by changing the saturation by 10% instead.

 15D471

 15D471

FFFFFF

 00B858

 6CFFA6

 009C3F

 8CFFC2

 008126

 ACFFDE

 00660B

 CBFFFB

 004C00

 EAFFFF

 003500

 001A00

 000000

 15D471

 15D471

 00D466

 2AD47C

 3FD487

 55D492

 6AD49D

 7FD4A8

 94D4B3

 A9D4BE

 BFD4C9

 D4D4D4

Harmonies

Analogous

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



96C934



15D471



00D9B7

Triad

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



15D471



00C1FF



FF8078

Complementary

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



15D471



D41578

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.



FF75BB



15D471



B8A6FF

Square

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



15D471



00D1FF



FF88FE



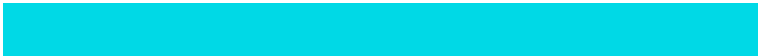
FF9B3E

Rectangle

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



15D471



00D9E6



FF88FE



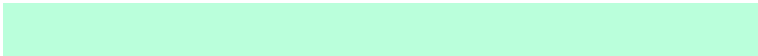
FF798E

Sweetspot

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



15D471



BAFFDB



7BD415



57806A



000000



808080

Same Dimension

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



15D471



00FF7B



15D4CE



606B66



00AB52



002B15

Inverse Universe

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



D41578



FF0084



D4151B



6B6066



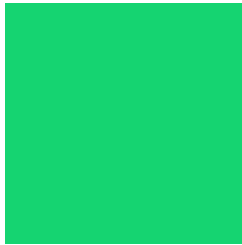
AB0059



2B0016

Previews

White Background



This preview shows how the Hex color 15D471 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 15D471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

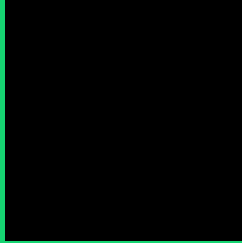
Any Text WCAG AA ✓ Pass

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 15D471 Background



This preview shows how black text looks on a background with the Hex color 15D471.

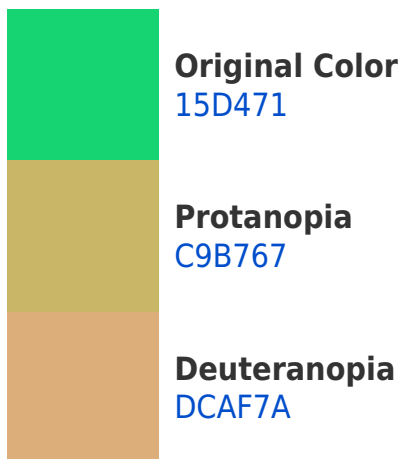


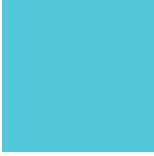
This preview shows how white text looks on a background with the Hex color 15D471.

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
52C8D9

Trichromacy



Original Color
15D471



Protanomaly
88C26B



Deuteranomaly
94BC77



Tritanomaly
3CCCB3

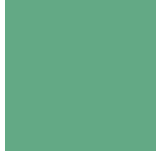
Monochromacy



Original Color
15D471



Achromatopsia
909090



Achromatomaly
63A985

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D471 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 #15D471 looks like.

```
.text, #text, p{  
    color:#15D471  
}
```

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 #15D471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D471
}
```

Border

The CSS property to change the border of an element to Hex 15D471 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
#15D471 }
```

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

```
.border{ border-color:#15D471 }
```

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

Here you see how a box with a 4 pixel #15D471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D471; -webkit-box-shadow:4px 4px  
4px 4px #15D471; box-shadow:4px 4px 4px  
4px #15D471 }
```

Background

The CSS property to change the background color of an element to Hex 15D471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D471 }
```

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

```
.background{ background-color:#15D471 }
```

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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