

Converting Colors

Hex(00D479)

Have a look what the booklet for
Hex(00D479) contains.

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Color

Hex(00D479)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00D479 |
| RGB | 0, 212, 121 |
| RGB Percent | 0%, 83%, 47% |
| CMY | 1.0000, 0.1686, 0.5255 |
| CMYK | 1.00, 0.00, 0.43, 0.17 |
| HSL | 154°, 100%, 42% |
| HSV | 154°, 100%, 83% |
| XYZ | 26.9947, 48.4674, 26.0215 |
| YIQ | 138.2380, -97.1410, -73.2450 |

Conversions

Conversions Part 2

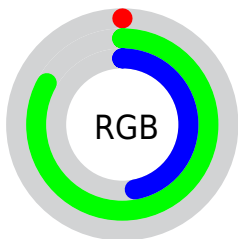
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 135, 212 |
| Decimal | 54393 |
| CIELab | 75.12, -64.09, 32.99 |
| CIELCh | 75, 72.082, 152.765 |
| Yxy | 48.4674, 0.2660, 0.4776 |
| Android (android.graphics.Color) | 4278244473 (0xFF00D479) |
| YUV | 138.2380, -8.4983, -121.2347 |
| Hunter-Lab | 69.6186, -52.6189, 26.5720 |

Details

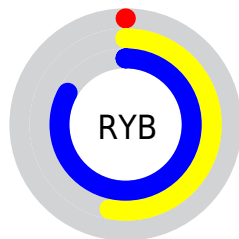
The Hex color **00D479** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D4005B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **68FFAE**, and **009C47** is the 20% darker color. If you saturate the color by 10%, you get **00D479**, and if you desaturate by 10%, it is **15D482**.

Distribution



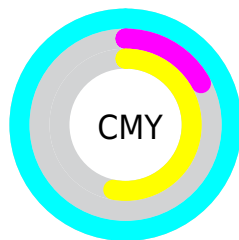
- Red (0%)
- Green (83%)
- Blue (47%)



- Red (0%)
- Yellow (53%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D479 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 00D479 by changing the saturation by 10% instead.

 00D479

 00D479

FFFFFF

 00B860

 68FFAE

 009C47

 88FFCA

 00812F

 A8FFE6

 006616

 C7FFFF

 004C00

 E6FFFF

 003500

 001A00

 000000

 00D479

 15D482

 2AD48B

 40D494

 55D49D

 6AD4A7

 7FD4B0

 94D4B9

 AAD4C2

 BFD4CB

Harmonies

Analogous

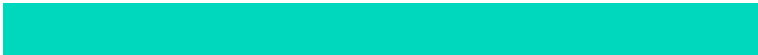
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91CA3F



00D479



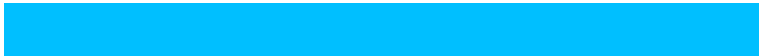
00D8BD

Triad

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



00D479



00BFFF



FF8475

Complementary

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



00D479



D4005B

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.



FF79B6



00D479



C2A5FF

Square

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



00D479



00CFFF



FF88F7



FF9F3F

Rectangle

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



00D479



00D8EA



FF88F7



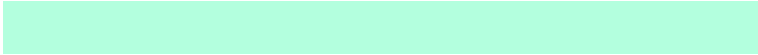
FF7E8A

Sweetspot

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



00D479



B3FFDE



5CD400



52806C



000000



808080

Same Dimension

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



00D479



00FF92



00C6D4



606B67



00AB62



002B19

Inverse Universe

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



D4005B



FF006D



D40E00



6B6065



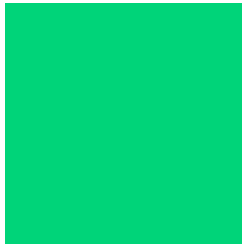
AB0049



2B0013

Previews

White Background



This preview shows how the Hex color 00D479 looks on a white background.

Color Contrast Check

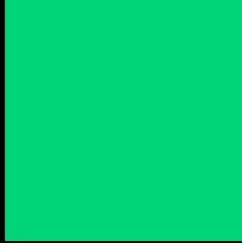
Large Text (above 18pt) WCAG AA × Fail

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 00D479 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 00D479 Background



This preview shows how black text looks on a background with the Hex color 00D479.

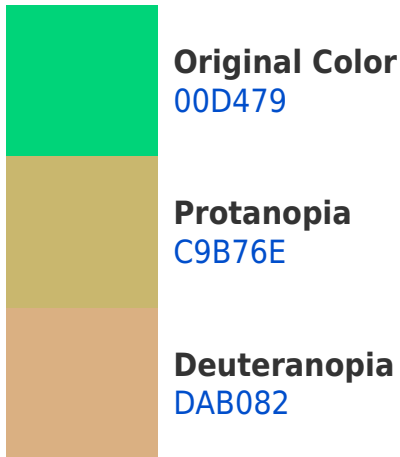


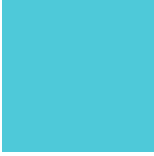
This preview shows how white text looks on a background with the Hex color 00D479.

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
4EC9D9

Trichromacy



Original Color

00D479



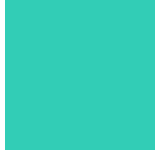
Protanomaly

80C272



Deuteranomaly

8BBD7F



Tritanomaly

32CDB6

Monochromacy



Original Color

00D479



Achromatopsia

8A8A8A



Achromatomaly

58A584

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D479 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 #00D479 looks like.

```
.text, #text, p{  
    color:#00D479  
}
```

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 #00D479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D479
}
```

Border

The CSS property to change the border of an element to Hex 00D479 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
#00D479 }
```

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

```
.border{ border-color:#00D479 }
```

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

Here you see how a box with a 4 pixel #00D479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D479; -webkit-box-shadow:4px 4px  
4px 4px #00D479; box-shadow:4px 4px 4px  
4px #00D479 }
```

Background

The CSS property to change the background color of an element to Hex 00D479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D479 }
```

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

```
.background{ background-color:#00D479 }
```

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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