

Converting Colors

Hex(01D491)

Have a look what the booklet for
Hex(01D491) contains.

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Color

Hex(01D491)

Conversions

Conversions Part 1

Format	Color
Hex	01D491
RGB	1, 212, 145
RGB Percent	0%, 83%, 57%
CMY	0.9961, 0.1686, 0.4314
CMYK	1.00, 0.00, 0.32, 0.17
HSL	161°, 99%, 42%
HSV	161°, 100%, 83%
XYZ	28.6668, 49.1378, 34.7617
YIQ	141.2730, -104.2490, -65.5690

Conversions

Conversions Part 2

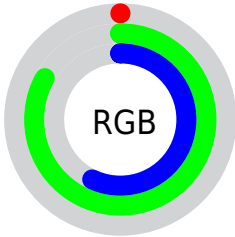
Format	Color
RYB	1, 126, 212
Decimal	119953
CIELab	75.54, -59.24, 21.13
CIELCh	76, 62.898, 160.370
Yxy	49.1378, 0.2547, 0.4365
Android (android.graphics.Color)	4278310033 (0xFF01D491)
YUV	141.2730, 1.8374, -123.0194
Hunter-Lab	70.0983, -49.6742, 19.6670

Details

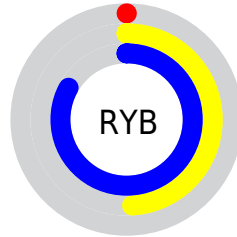
The Hex color **01D491** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D40144**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **68FFC7**, and **009C5E** is the 20% darker color. If you saturate the color by 10%, you get **00D491**, and if you desaturate by 10%, it is **16D498**.

Distribution



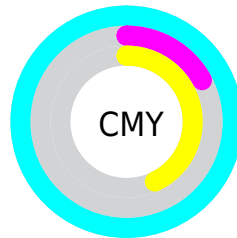
- Red (0%)
- Green (83%)
- Blue (57%)



- Red (0%)
- Yellow (49%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 01D491 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 01D491 by changing the saturation by 10% instead.

 01D491

 01D491

FFFFFF

 00B877


 68FFC7

 009C5E

 89FFE3

 008146

 A8FFFF

 00672F

 C7FFFF

 004D19

 E7FFFF

 003501

 001C00

 000000

 01D491

 01D491

00D491

16D498

2BD49E

41D4A5

56D4AC

6BD4B3

80D4B9

95D4C0

ABD4C7

C0D4CE

Harmonies

Analogous

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



88CC5D



01D491



00D7CD

Triad

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



01D491



73BAFF



FF9372

Complementary

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



01D491



D40144

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.



FF86A8



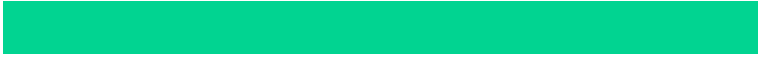
01D491



D8A2FF

Square

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



01D491



00CBFF



FF8DE2



F9A94A

Rectangle

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



01D491



00D6F3



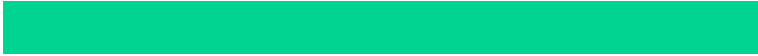
FF8DE2



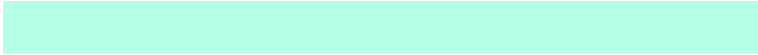
FF8D83

Sweetspot

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



01D491



B3FFE7



47D401



528071



000000



808080

Same Dimension

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



01D491



00FFAE



01B1D4



606B68



00AB75



002B1E

Inverse Universe

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



D40144



FF0051



D42401



6B6064



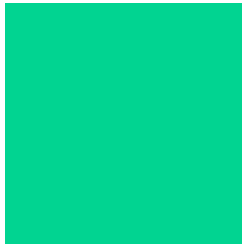
AB0036



2B000E

Previews

White Background



This preview shows how the Hex color 01D491 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 01D491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

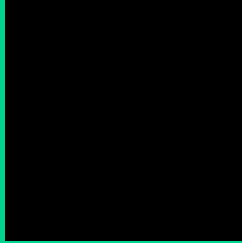
Any Text WCAG AA ✓ Pass

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 01D491 Background



This preview shows how black text looks on a background with the Hex color 01D491.



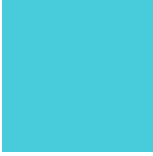
This preview shows how white text looks on a background with the Hex color 01D491.

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
48CBDB

Trichromacy



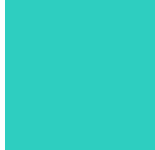
Original Color
01D491



Protanomaly
7FC289



Deuteranomaly
88BE96



Tritanomaly
2ECEC0

Monochromacy



Original Color
01D491



Achromatopsia
8D8D8D



Achromatomaly
5AA78E

CSS Examples

Text

The CSS property to change the color of the text to Hex 01D491 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 #01D491 looks like.

```
.text, #text, p{  
    color:#01D491  
}
```

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 #01D491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01D491
}
```

Border

The CSS property to change the border of an element to Hex 01D491 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
#01D491 }
```

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

```
.border{ border-color:#01D491 }
```

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

Here you see how a box with a 4 pixel #01D491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01D491; -webkit-box-shadow:4px 4px  
4px 4px #01D491; box-shadow:4px 4px 4px  
4px #01D491 }
```

Background

The CSS property to change the background color of an element to Hex 01D491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01D491 }
```

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

```
.background{ background-color:#01D491 }
```

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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