

# Converting Colors

Hex(00D695)

Have a look what the booklet for  
Hex(00D695) contains.

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**Color**

**Hex(00D695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D695
RGB	0, 214, 149
RGB Percent	0%, 84%, 58%
CMY	1.0000, 0.1608, 0.4157
CMYK	1.00, 0.00, 0.30, 0.16
HSL	162°, 100%, 42%
HSV	162°, 100%, 84%
XYZ	29.4714, 50.2631, 36.5822
YIQ	142.6040, -106.6790, -65.5830

# Conversions

## Conversions Part 2

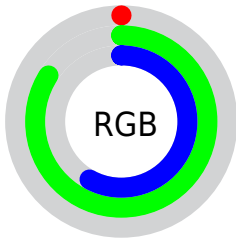
Format	Color
<a href="#">RYB</a>	<a href="#">0, 126, 214</a>
Decimal	<a href="#">54933</a>
CIELab	<a href="#">76.23, -59.12, 19.98</a>
CIELCh	<a href="#">76, 62.409, 161.328</a>
Yxy	<a href="#">50.2631, 0.2534, 0.4321</a>
Android (android.graphics.Color)	<a href="#">4278245013 (0xFF00D695)</a>
YUV	<a href="#">142.6040, 3.1532, -125.0637</a>
Hunter-Lab	<a href="#">70.8964, -49.8670, 19.0342</a>

# Details

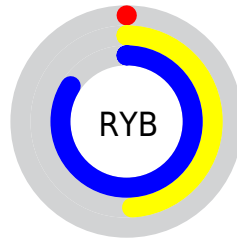
The Hex color **00D695** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D60041**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFCB**, and **009E62** is the 20% darker color. If you saturate the color by 10%, you get **00D695**, and if you desaturate by 10%, it is **15D69C**.

# Distribution



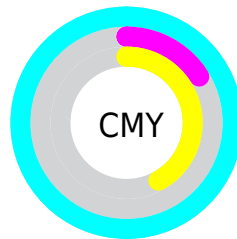
- Red (0%)
- Green (84%)
- Blue (58%)



- Red (0%)
- Yellow (49%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D695 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 00D695 by changing the saturation by 10% instead.



 00D695

 00D695

FFFFFF

 00BA7B

 69FFCB

 009E62

 89FFE8

 00834A

 A9FFFF

 006833

 C8FFFF

 004F1D

 E7FFFF

 003706

 001E00

 000000

 00D695

 15D69C

 2BD6A2

 40D6A9

 56D6AF

 6BD6B6

 80D6BC

 96D6C3

 ABD6C9

 C1D6D0

# Harmonies

## Analogous

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



88CE61



00D695



00D9D1

# Triad

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



00D695



7BBBF



FF9672

# Complementary

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



00D695



D60041

# 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.



FF89A8



00D695



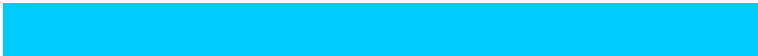
DCA4FF

# Square

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



00D695



00CCFF



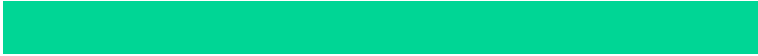
FF8FE2



FAAC4C

# Rectangle

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



00D695



00D7F6



FF8FE2

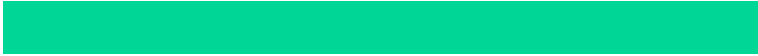


FF9083

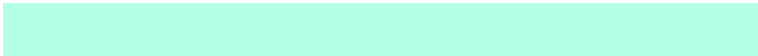


# Sweetspot

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



00D695



B3FFE8



44D600



528072



000000



808080



# Same Dimension

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



00D695



00FFB2



00AFD6



606B68



00AB77



002B1E



# Inverse Universe

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



D60041



FF004D



D62700



6B6064



AB0034

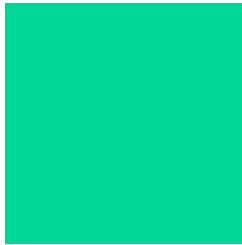


2B000D



# Previews

## White Background



This preview shows how the Hex color 00D695 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 00D695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

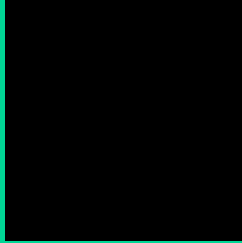
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00D695 Background



This preview shows how black text looks on a background with the Hex color 00D695.

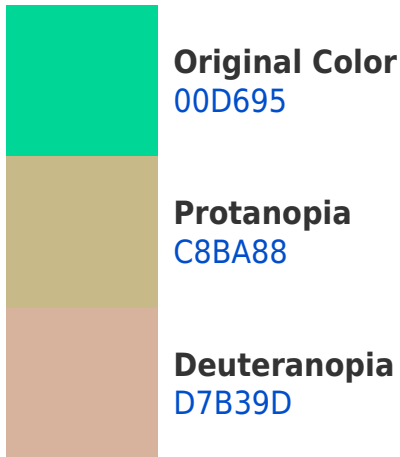


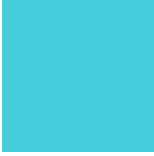
This preview shows how white text looks on a background with the Hex color 00D695.

# 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**  
48CDDD

# Trichromacy



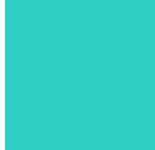
**Original Color**  
00D695



**Protanomaly**  
7FC48D

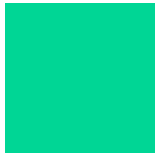


**Deuteranomaly**  
89C09A



**Tritanomaly**  
2ED0C3

# Monochromacy



**Original Color**  
00D695



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5BA991

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D695 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 #00D695 looks like.

```
.text, #text, p{  
    color:#00D695  
}
```

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 #00D695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D695
}
```

## Border

The CSS property to change the border of an element to Hex 00D695 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
#00D695 }
```

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

```
.border{ border-color:#00D695 }
```

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

Here you see how a box with a 4 pixel #00D695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D695; -webkit-box-shadow:4px 4px  
4px 4px #00D695; box-shadow:4px 4px 4px  
4px #00D695 }
```

# Background

The CSS property to change the background color of an element to Hex 00D695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D695 }
```

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

```
.background{ background-color:#00D695 }
```

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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