

# Converting Colors

Hex(00D972)

Have a look what the booklet for  
Hex(00D972) contains.

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**Color**

**Hex(00D972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D972
RGB	0, 217, 114
RGB Percent	0%, 85%, 45%
CMY	1.0000, 0.1490, 0.5529
CMYK	1.00, 0.00, 0.47, 0.15
HSL	152°, 100%, 43%
HSV	152°, 100%, 85%
XYZ	27.8501, 50.8406, 24.2650
YIQ	140.3750, -96.2690, -78.0370

# Conversions

## Conversions Part 2

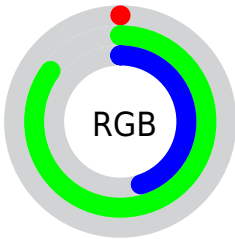
Format	Color
<a href="#">RYB</a>	<a href="#">0, 142, 217</a>
Decimal	<a href="#">55666</a>
CIELab	<a href="#">76.58, -66.96, 38.37</a>
CIELCh	<a href="#">77, 77.177, 150.188</a>
Yxy	<a href="#">50.8406, 0.2705, 0.4938</a>
Android (android.graphics.Color)	<a href="#">4278245746</a> ( <a href="#">0xFF00D972</a> )
YUV	<a href="#">140.3750, -13.0029, -123.1089</a>
Hunter-Lab	<a href="#">71.3026, -55.0592, 29.7349</a>

# Details

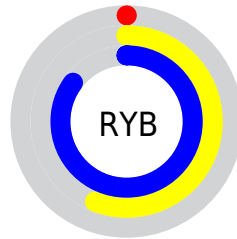
The Hex color **00D972** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D90067**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **69FFA7**, and **00A03F** is the 20% darker color. If you saturate the color by 10%, you get **00D972**, and if you desaturate by 10%, it is **16D97C**.

# Distribution



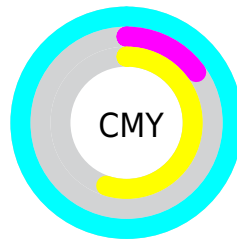
- Red (0%)
- Green (85%)
- Blue (45%)



- Red (0%)
- Yellow (56%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D972 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 00D972 by changing the saturation by 10% instead.



 00D972

 00D972

FFFFFF

 00BC58

 69FFA7

 00A03F

 8AFFC3

 008527

 AAFFDF

 006A0B

 C9FFFC

 005100

 E8FFFF

 003900

 001F00

 000000

 00D972

 16D97C

 2BD987

 41D991

 57D99B

 6DD9A6

 82D9B0

 98D9BA

 AED9C4

 C3D9CF

# Harmonies

## Analogous

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



98CD32



00D972



00DEBB

# Triad

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



00D972



00C5FF



FF8179

# Complementary

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



00D972



D90067

# 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.



FF76C0



00D972



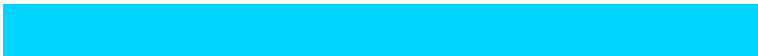
BCAAFF

# Square

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



00D972



00D6FF



FF89FF



FF9E3D

# Rectangle

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



00D972



00DEEC



FF89FF



FF7A90

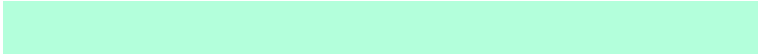


# Sweetspot

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



00D972



B3FFDB



69D900



52806A



000000



808080



# Same Dimension

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



00D972



00FF86



00D5D9



636E68



00AD5B



002E18



# Inverse Universe

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



D90067



FF0079



D90400



6E6368



AD0052

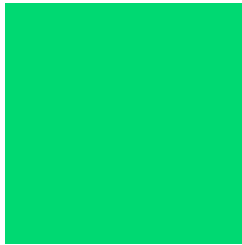


2E0016



# Previews

## White Background



This preview shows how the Hex color 00D972 looks on a white background.

## Color Contrast Check

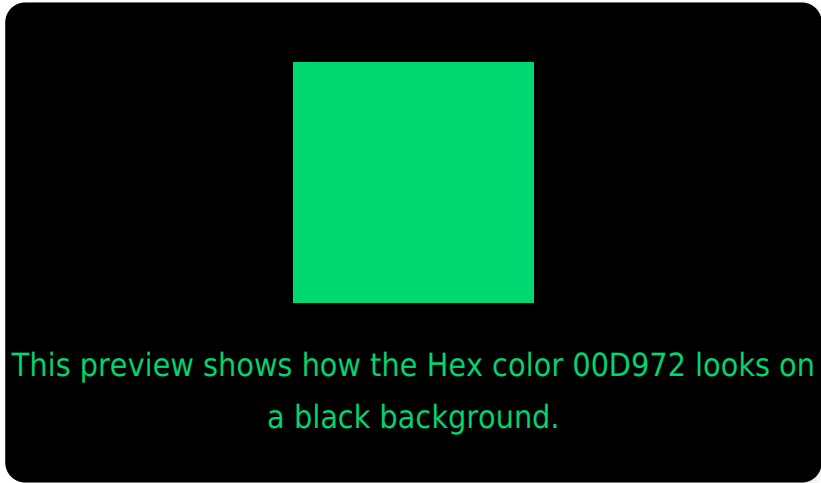
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 00D972 Background



This preview shows how black text looks on a background with the Hex color 00D972.

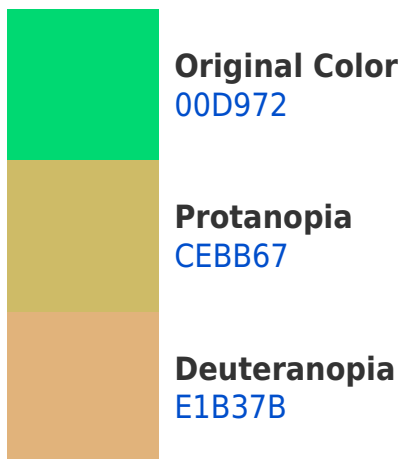


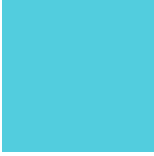
This preview shows how white text looks on a background with the Hex color 00D972.

# 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**

00D972



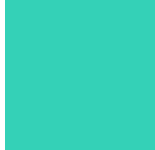
**Protanomaly**

83C66B



**Deuteranomaly**

8FC178



**Tritanomaly**

34D1B7

# Monochromacy



**Original Color**

00D972



**Achromatopsia**

8C8C8C



**Achromatomaly**

59A883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D972 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 #00D972 looks like.

```
.text, #text, p{  
    color:#00D972  
}
```

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 #00D972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D972
}
```

## Border

The CSS property to change the border of an element to Hex 00D972 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
#00D972 }
```

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

```
.border{ border-color:#00D972 }
```

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

Here you see how a box with a 4 pixel #00D972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D972; -webkit-box-shadow:4px 4px  
4px 4px #00D972; box-shadow:4px 4px 4px  
4px #00D972 }
```

# Background

The CSS property to change the background color of an element to Hex 00D972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D972 }
```

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

```
.background{ background-color:#00D972 }
```

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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