

# Converting Colors

Hex(36D980)

Have a look what the booklet for  
Hex(36D980) contains.

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# Color

**Hex(36D980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36D980
RGB	54, 217, 128
RGB Percent	21%, 85%, 50%
CMY	0.7882, 0.1490, 0.4980
CMYK	0.75, 0.00, 0.41, 0.15
HSL	147°, 68%, 53%
HSV	147°, 75%, 85%
XYZ	30.2305, 51.9685, 28.8597
YIQ	158.1170, -68.5790, -62.2350

# Conversions

## Conversions Part 2

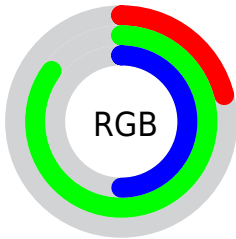
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 166, 217
Decimal	3594624
CIELab	77.26, -60.69, 32.32
CIELCh	77, 68.761, 151.959
Yxy	51.9685, 0.2722, 0.4679
Android (android.graphics.Color)	4281784704 (0xFF36D980)
YUV	158.1170, -14.8477, -91.3106
Hunter-Lab	72.0892, -51.3024, 26.7267

# Details

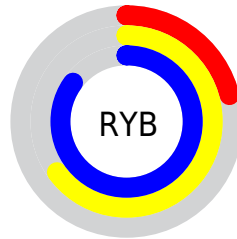
The Hex color **36D980** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D9368F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7CFFB6**, and **00A14D** is the 20% darker color. If you saturate the color by 10%, you get **20D974**, and if you desaturate by 10%, it is **4CD98C**.

# Distribution



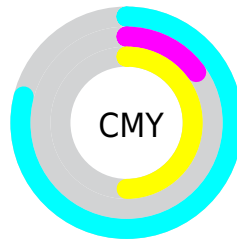
- Red (21%)
- Green (85%)
- Blue (50%)



- Red (21%)
- Yellow (65%)
- Blue (85%)



- Cyan (75%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (79%)
- Magenta (15%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36D980 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 36D980 by changing the saturation by 10% instead.



 36D980

 36D980

FFFFFF

 00BD66

 7CFFB6

 00A14D

 9BFFD2

 008635

 B9FFEE

 006B1D

 D8FFFF

 005104

 F7FFFF

 003900

 002100

 000000

 36D980

 36D980

■ 20D974

■ 4CD98C

■ 0BD968

■ 61D998

■ 00D963

■ 77D9A4

■ 8DD9AF

■ A3D9BB

■ B8D9C7

■ CED9D3

■ E4D9DF

■ F9D9EB

# Harmonies

## Analogous

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



9CCF4A



36D980



00DDC1

# Triad

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



36D980



19C5FF



FF8D7F

# Complementary

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



36D980



D9368F

# 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.



FF84BD



36D980



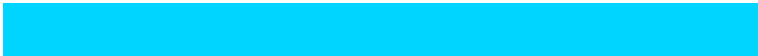
C6ACFF

# Square

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



36D980



00D5FF



FF92FC



FFA54C

# Rectangle

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



36D980



00DDED



FF92FC



FF8893

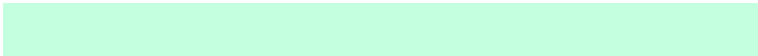


# Sweetspot

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



36D980



C4FFDF



90D936



5C806C



000000



808080



# Same Dimension

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



36D980



19FF82



36D9D1



636E68



00AD4F



002E15



# Inverse Universe

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



D9368F



FF1997



D9363E



6E6369



AD005F



2E0019



# Previews

## White Background



This preview shows how the Hex color 36D980 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 36D980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

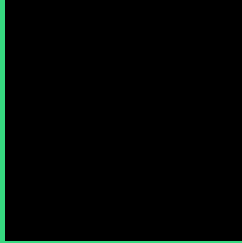
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36D980 Background



This preview shows how black text looks on a background with the Hex color 36D980.

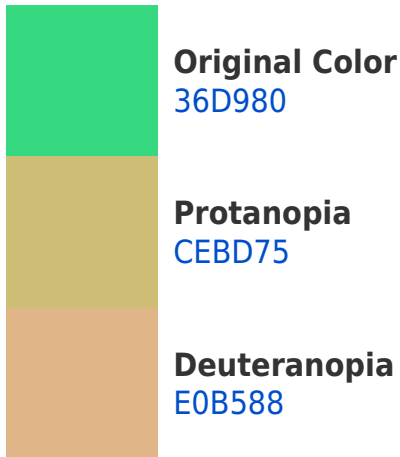


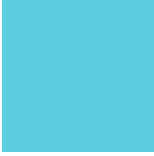
This preview shows how white text looks on a background with the Hex color 36D980.

# 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**  
5DCEDF

# Trichromacy



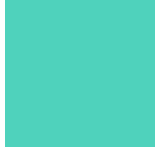
**Original Color**  
36D980



**Protanomaly**  
97C779



**Deuteranomaly**  
A2C285



**Tritanomaly**  
4FD2BC

# Monochromacy



**Original Color**  
36D980



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
78B393

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36D980 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 #36D980 looks like.

```
.text, #text, p{  
    color:#36D980  
}
```

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 #36D980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D980
}
```

## Border

The CSS property to change the border of an element to Hex 36D980 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
#36D980 }
```

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

```
.border{ border-color:#36D980 }
```

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

Here you see how a box with a 4 pixel #36D980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D980; -webkit-box-shadow:4px 4px  
4px 4px #36D980; box-shadow:4px 4px 4px  
4px #36D980 }
```

# Background

The CSS property to change the background color of an element to Hex 36D980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D980 }
```

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

```
.background{ background-color:#36D980 }
```

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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