

# Converting Colors

Hex(00D64F)

Have a look what the booklet for  
Hex(00D64F) contains.

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# Color

Hex(00D64F)

# Conversions

## Conversions Part 1

Format	Color
Hex	00D64F
RGB	0, 214, 79
RGB Percent	0%, 84%, 31%
CMY	1.0000, 0.1608, 0.6902
CMYK	1.00, 0.00, 0.63, 0.16
HSL	142°, 100%, 42%
HSV	142°, 100%, 84%
XYZ	25.4579, 48.6576, 15.4472
YIQ	134.6240, -84.2090, -87.3530

# Conversions

## Conversions Part 2

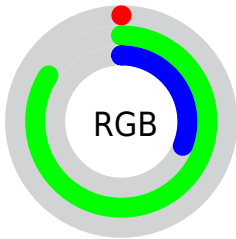
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 156, 214
Decimal	54863
CIELab	75.24, -70.96, 53.00
CIELCh	75, 88.569, 143.247
Yxy	48.6576, 0.2842, 0.5433
Android (android.graphics.Color)	4278244943 (0xFF00D64F)
YUV	134.6240, -27.4226, -118.0652
Hunter-Lab	69.7550, -56.9258, 35.6988

# Details

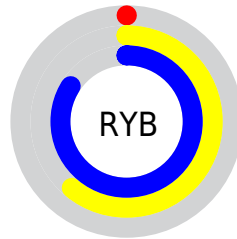
The Hex color **00D64F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D60087**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6AFF85**, and **009D15** is the 20% darker color. If you saturate the color by 10%, you get **00D64F**, and if you desaturate by 10%, it is **15D65D**.

# Distribution



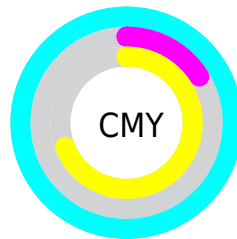
- Red (0%)
- Green (84%)
- Blue (31%)



- Red (0%)
- Yellow (61%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D64F 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 00D64F by changing the saturation by 10% instead.



 00D64F

 00D64F

FFFFFF

 00B934

 6AFF85

 009D15

 8BFFA0

 008200

 AAFFBC

 006800

 CAFFD9

 004E00

 E9FFF6

 003600

 001B00

 000000

 00D64F

 15D65D

 2BD66A

 40D678

 56D685

 6BD693

 80D6A0

 96D6AE

 ABD6BB

 C1D6C9

# Harmonies

## Analogous

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



A1C800



00D64F



00DDA4

# Triad

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



00D64F



00C9FF



FF677E

# Complementary

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



00D64F



D60087

# 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.



FF61CF



00D64F



8CACFF

# Square

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



00D64F



00D8FF



FF83FF



FF8C31

# Rectangle

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



00D64F



00DEDC



FF83FF



FF5F99

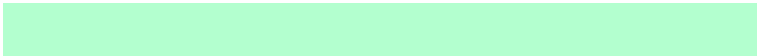


# Sweetspot

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



00D64F



B3FFCF



88D600



528063



000000



808080



# Same Dimension

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



00D64F



00FF5E



00D6B9



606B64



00AB3F



002B10



# Inverse Universe

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



D60087



FF00A1



D6001D



6B6067



AB006C

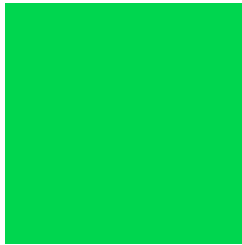


2B001B



# Previews

## White Background



This preview shows how the Hex color 00D64F 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 00D64F 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 00D64F Background



This preview shows how black text looks on a background with the Hex color 00D64F.

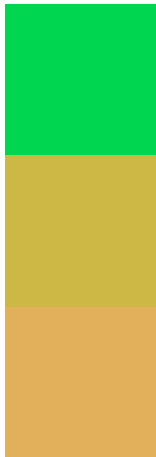


This preview shows how white text looks on a background with the Hex color 00D64F.

# 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](#).

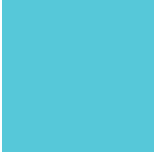
## Dichromacy



**Original Color**  
00D64F

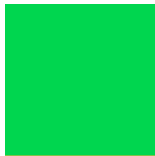
**Protanopia**  
CDB846

**Deuteranopia**  
E2AF5B



**Tritanopia**  
56C8D9

# Trichromacy



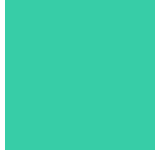
**Original Color**  
00D64F



**Protanomaly**  
82C349



**Deuteranomaly**  
90BD57



**Tritanomaly**  
37CDA7

# Monochromacy



**Original Color**  
00D64F



**Achromatopsia**  
878787



**Achromatomaly**  
56A473

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D64F 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 #00D64F looks like.

```
.text, #text, p{  
    color:#00D64F  
}
```

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 #00D64F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D64F
}
```

## Border

The CSS property to change the border of an element to Hex 00D64F 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
#00D64F }
```

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

```
.border{ border-color:#00D64F }
```

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

Here you see how a box with a 4 pixel #00D64F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D64F; -webkit-box-shadow:4px 4px  
4px 4px #00D64F; box-shadow:4px 4px 4px  
4px #00D64F }
```

# Background

The CSS property to change the background color of an element to Hex 00D64F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D64F }
```

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

```
.background{ background-color:#00D64F }
```

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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