

Converting Colors

Hex(00D25F)

Have a look what the booklet for
Hex(00D25F) contains.

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Color

Hex(00D25F)

Conversions

Conversions Part 1

Format	Color
Hex	00D25F
RGB	0, 210, 95
RGB Percent	0%, 82%, 37%
CMY	1.0000, 0.1765, 0.6275
CMYK	1.00, 0.00, 0.55, 0.18
HSL	147°, 100%, 41%
HSV	147°, 100%, 82%
XYZ	25.1122, 46.9194, 18.5593
YIQ	134.1000, -88.2450, -80.2850

Conversions

Conversions Part 2

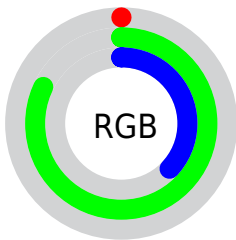
Format	Color
RYB	0, 145, 210
Decimal	53855
CIELab	74.14, -67.69, 44.52
CIELCh	74, 81.017, 146.667
Yxy	46.9194, 0.2772, 0.5179
Android (android.graphics.Color)	4278243935 (0xFF00D25F)
YUV	134.1000, -19.2763, -117.6057
Hunter-Lab	68.4977, -54.4307, 31.8840

Details

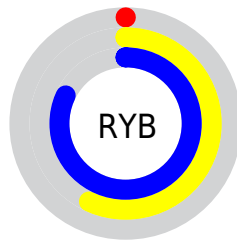
The Hex color **00D25F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **D20073**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68FF94**, and **009A2B** is the 20% darker color. If you saturate the color by 10%, you get **00D25F**, and if you desaturate by 10%, it is **15D26B**.

Distribution



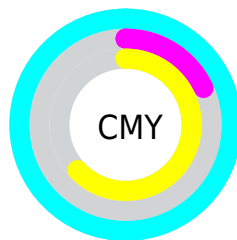
- Red (0%)
- Green (82%)
- Blue (37%)



- Red (0%)
- Yellow (57%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D25F 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 00D25F by changing the saturation by 10% instead.

 00D25F

 00D25F

FFFFFF

 00B645

 68FF94

 009A2B

 88FFAF

 007F0E

 A8FFCB

 006400

 C7FFE8

 004A00

 E6FFFF

 003300

 001700

 000000

 00D25F

 15D26B

 2AD276

 3FD282

 54D28D

 69D299

 7ED2A4

 93D2B0

 A8D2BB

 BDD2C6

Harmonies

Analogous

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



98C610



00D25F



00D8AB

Triad

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



00D25F



00C2FF



FF7278

Complementary

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



00D25F



D20073

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.



FF69C2



00D25F



A3A6FF

Square

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



00D25F



00D2FF



FF83FF



FF9235

Rectangle

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



00D25F



00D9DF



FF83FF



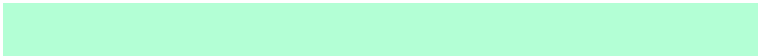
FF6B90

Sweetspot

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



00D25F



B3FFD5



74D200



528066



000000



808080

Same Dimension

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



00D25F



00FF73



00D2C7



5E6963



00A84C



002912

Inverse Universe

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



D20073



FF008C



D2000A



695E64



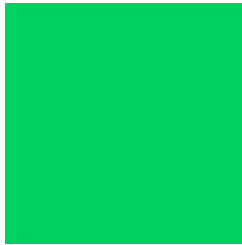
A8005C



290016

Previews

White Background



This preview shows how the Hex color 00D25F 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 00D25F Background



This preview shows how black text looks on a background with the Hex color 00D25F.

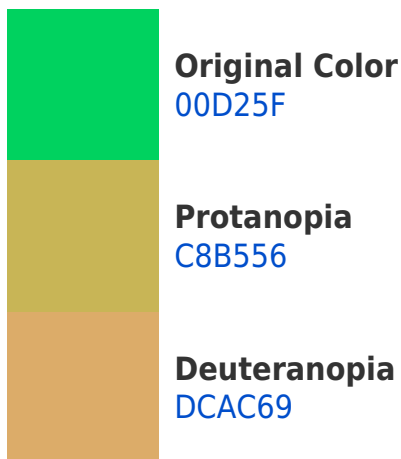


This preview shows how white text looks on a background with the Hex color 00D25F.

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
52C5D5

Trichromacy



Original Color
00D25F



Protanomaly
7FC059



Deuteranomaly
8CBA65



Tritanomaly
34CAAA

Monochromacy



Original Color
00D25F



Achromatopsia
868686



Achromatomaly
55A278

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D25F 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 #00D25F looks like.

```
.text, #text, p{  
    color:#00D25F  
}
```

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 #00D25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D25F
}
```

Border

The CSS property to change the border of an element to Hex 00D25F 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
#00D25F }
```

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

```
.border{ border-color:#00D25F }
```

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

Here you see how a box with a 4 pixel #00D25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D25F; -webkit-box-shadow:4px 4px  
4px 4px #00D25F; box-shadow:4px 4px 4px  
4px #00D25F }
```

Background

The CSS property to change the background color of an element to Hex 00D25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D25F }
```

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

```
.background{ background-color:#00D25F }
```

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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