

Converting Colors

Hex(00D25B)

Have a look what the booklet for
Hex(00D25B) contains.

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Color

Hex(00D25B)

Conversions

Conversions Part 1

Format	Color
Hex	00D25B
RGB	0, 210, 91
RGB Percent	0%, 82%, 36%
CMY	1.0000, 0.1765, 0.6431
CMYK	1.00, 0.00, 0.57, 0.18
HSL	146°, 100%, 41%
HSV	146°, 100%, 82%
XYZ	24.9349, 46.8485, 17.6260
YIQ	133.6440, -86.9610, -81.5290

Conversions

Conversions Part 2

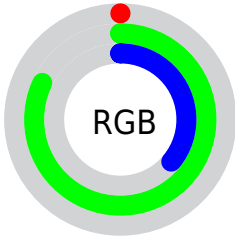
Format	Color
RYB	0, 147, 210
Decimal	53851
CIELab	74.09, -68.25, 46.33
CIELCh	74, 82.491, 145.829
Yxy	46.8485, 0.2789, 0.5240
Android (android.graphics.Color)	4278243931 (0xFF00D25B)
YUV	133.6440, -21.0235, -117.2058
Hunter-Lab	68.4460, -54.7528, 32.6440

Details

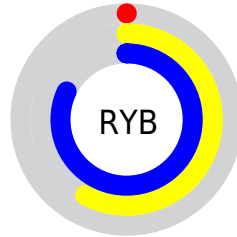
The Hex color **00D25B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **D20077**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68FF90**, and **009A27** is the 20% darker color. If you saturate the color by 10%, you get **00D25B**, and if you desaturate by 10%, it is **15D267**.

Distribution



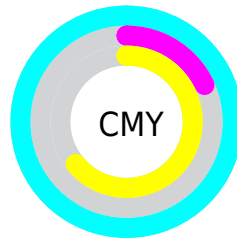
- Red (0%)
- Green (82%)
- Blue (36%)



- Red (0%)
- Yellow (58%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D25B 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 00D25B by changing the saturation by 10% instead.

 00D25B

 00D25B

FFFFFF

 00B641

 68FF90

 009A27

 89FFAB

 007F05

 A8FFC7

 006400

 C7FFE4

 004A00

 E6FFFF

 003300

 001700

 000000

 00D25B

 15D267

 2AD273

 3FD27F

 54D28B

 69D297

 7ED2A2

 93D2AE

 A8D2BA

 BDD2C6

Harmonies

Analogous

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



9AC500



00D25B



00D8A9

Triad

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



00D25B



00C3FF



FF6F79

Complementary

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



00D25B



D20077

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.



FF67C4



00D25B



9EA7FF

Square

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



00D25B



00D2FF



FF82FF



FF9034

Rectangle

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



00D25B



00D9DD



FF82FF



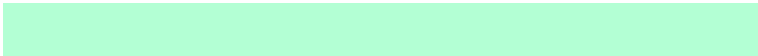
FF6891

Sweetspot

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



00D25B



B3FFD4



77D200



528065



000000



808080

Same Dimension

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



00D25B



00FF6F



00D2C4



5E6963



00A849



002912

Inverse Universe

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



D20077



FF0090



D2000E



695E64



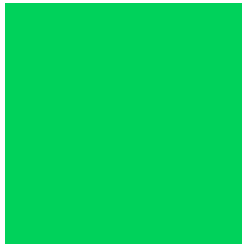
A8005F



290017

Previews

White Background



This preview shows how the Hex color 00D25B 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 00D25B 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 00D25B Background



This preview shows how black text looks on a background with the Hex color 00D25B.

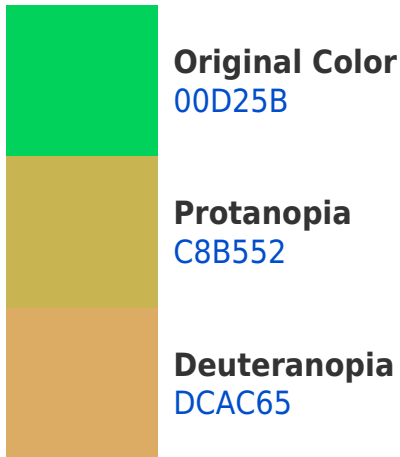


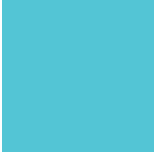
This preview shows how white text looks on a background with the Hex color 00D25B.

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](#).

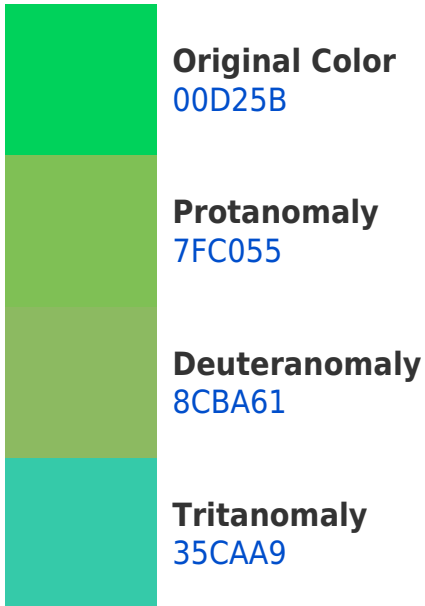
Dichromacy





Tritanopia
53C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00D25B 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 #00D25B looks like.

```
.text, #text, p{  
    color:#00D25B  
}
```

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 #00D25B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D25B
}
```

Border

The CSS property to change the border of an element to Hex 00D25B 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
#00D25B }
```

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

```
.border{ border-color:#00D25B }
```

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

Here you see how a box with a 4 pixel #00D25B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D25B; -webkit-box-shadow:4px 4px  
4px 4px #00D25B; box-shadow:4px 4px 4px  
4px #00D25B }
```

Background

The CSS property to change the background color of an element to Hex 00D25B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D25B }
```

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

```
.background{ background-color:#00D25B }
```

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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