

Converting Colors

Hex(00CD62)

Have a look what the booklet for
Hex(00CD62) contains.

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Color

Hex(00CD62)

Conversions

Conversions Part 1

Format	Color
Hex	00CD62
RGB	0, 205, 98
RGB Percent	0%, 80%, 38%
CMY	1.0000, 0.1961, 0.6157
CMYK	1.00, 0.00, 0.52, 0.20
HSL	149°, 100%, 40%
HSV	149°, 100%, 80%
XYZ	24.0359, 44.5445, 18.8864
YIQ	131.5070, -87.8330, -76.7370

Conversions

Conversions Part 2

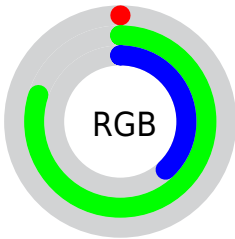
Format	Color
RYB	0, 139, 205
Decimal	52578
CIELab	72.59, -65.67, 41.20
CIELCh	73, 77.527, 147.894
Yxy	44.5445, 0.2748, 0.5093
Android (android.graphics.Color)	4278242658 (0xFF00CD62)
YUV	131.5070, -16.5190, -115.3316
Hunter-Lab	66.7417, -52.5140, 29.9414

Details

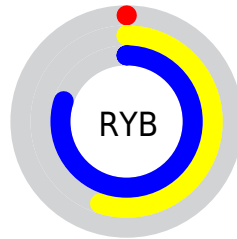
The Hex color **00CD62** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CD006B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66FF97**, and **00952F** is the 20% darker color. If you saturate the color by 10%, you get **00CD62**, and if you desaturate by 10%, it is **14CD6D**.

Distribution



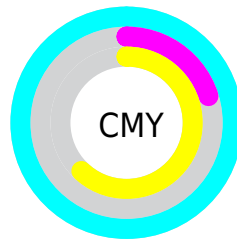
- Red (0%)
- Green (80%)
- Blue (38%)



- Red (0%)
- Yellow (55%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CD62 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 00CD62 by changing the saturation by 10% instead.

 00CD62

 00CD62

FFFFFF

 00B149


 66FF97

 00952F

 87FFB2

 007A15

 A6FFCE

 006000

 C5FFEB

 004600

 E4FFFF

 002F00

 001000

 000000

 00CD62

 14CD6D

 29CD77

 3ECD82

 52CD8D

 67CD98

 7BCDA2

 90CDAD

 A4CDB8

 B9CDC2

Harmonies

Analogous

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



93C11D



00CD62



00D2AB

Triad

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



00CD62



00BCFF



FF7374

Complementary

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



00CD62



CD006B

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.



FF6ABA



00CD62



A6A1FF

Square

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



00CD62



00CCFF



FF80FF



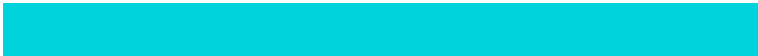
FF9135

Rectangle

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



00CD62



00D3DC



FF80FF



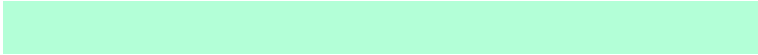
FF6C8B

Sweetspot

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



00CD62



B3FFD7



6DCD00



528068



000000



808080

Same Dimension

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



00CD62



00FF7A



00CDC6



5C6661



00A64F



002612

Inverse Universe

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



CD006B



FF0085



CD0007



665C61



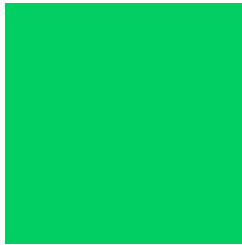
A60057



260014

Previews

White Background



This preview shows how the Hex color 00CD62 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 00CD62 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 00CD62 Background



This preview shows how black text looks on a background with the Hex color 00CD62.

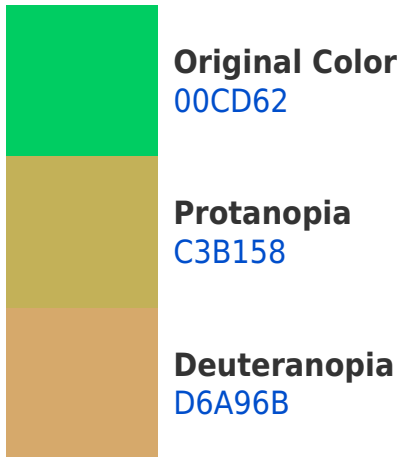


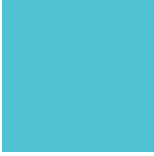
This preview shows how white text looks on a background with the Hex color 00CD62.

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
4FC1D1

Trichromacy



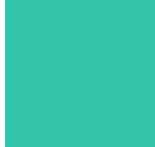
Original Color
00CD62



Protanomaly
7CBB5C



Deuteranomaly
88B668



Tritanomaly
32C5A9

Monochromacy



Original Color
00CD62



Achromatopsia
848484



Achromatomaly
549F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CD62 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 #00CD62 looks like.

```
.text, #text, p{  
    color:#00CD62  
}
```

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 #00CD62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CD62
}
```

Border

The CSS property to change the border of an element to Hex 00CD62 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
#00CD62 }
```

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

```
.border{ border-color:#00CD62 }
```

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

Here you see how a box with a 4 pixel #00CD62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CD62; -webkit-box-shadow:4px 4px  
4px 4px #00CD62; box-shadow:4px 4px 4px  
4px #00CD62 }
```

Background

The CSS property to change the background color of an element to Hex 00CD62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CD62 }
```

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

```
.background{ background-color:#00CD62 }
```

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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