

Converting Colors

Hex(0CDA52)

Have a look what the booklet for
Hex(0CDA52) contains.

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Color

Hex(0CDA52)

Conversions

Conversions Part 1

Format	Color
Hex	0CDA52
RGB	12, 218, 82
RGB Percent	5%, 85%, 32%
CMY	0.9529, 0.1451, 0.6784
CMYK	0.94, 0.00, 0.62, 0.15
HSL	140°, 90%, 45%
HSV	140°, 94%, 85%
XYZ	26.7460, 50.8302, 16.3842
YIQ	140.9020, -79.1200, -85.9680

Conversions

Conversions Part 2

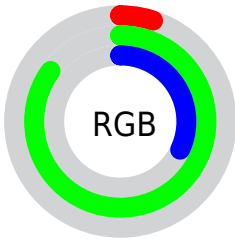
Format	Color
RYB	12, 166, 218
Decimal	842322
CIELab	76.58, -71.38, 53.24
CIELCh	77, 89.049, 143.286
Yxy	50.8302, 0.2847, 0.5410
Android (android.graphics.Color)	4279032402 (0xFF0CDA52)
YUV	140.9020, -29.0387, -113.0471
Hunter-Lab	71.2953, -57.8035, 36.2814

Details

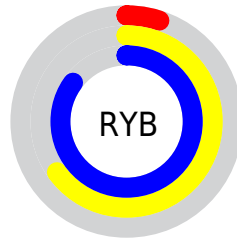
The Hex color **0CDA52** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DA0C94**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DFF88**, and **00A119** is the 20% darker color. If you saturate the color by 10%, you get **00DA4A**, and if you desaturate by 10%, it is **22DA60**.

Distribution



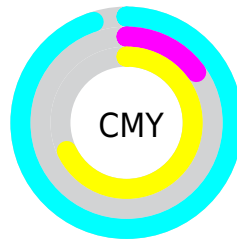
- Red (5%)
- Green (85%)
- Blue (32%)



- Red (5%)
- Yellow (65%)
- Blue (85%)



- Cyan (94%)
- Magenta (0%)
- Yellow (62%)
- Black (15%)



- Cyan (95%)
- Magenta (15%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CDA52 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 0CDA52 by changing the saturation by 10% instead.



0CDA52



0CDA52

FFFFFF



00BD37



6DFF88



00A119



8EFAA3



008600



AEFFBF



006B00



CDFFDC



005100



ECFFF9



003900



001F00



000000



0CDA52



0CDA52

 00DA4A

 22DA60

 38DA6F

 4DDA7D

 63DA8C

 79DA9A

 8FDAA8

 A5DAB7

 BADAC5

 D0DAD4

Harmonies

Analogous

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



A4CC00



0CDA52



00E1A7

Triad

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



0CDA52



00CDFE



FF6A81

Complementary

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



0CDA52



DA0C94

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.



FF64D3



0CDA52



91AFFF

Square

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



0CDA52



00DCFF



FF87FF



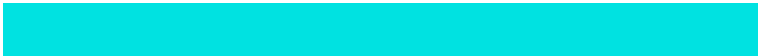
FF8F34

Rectangle

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



0CDA52



00E2E1



FF87FF



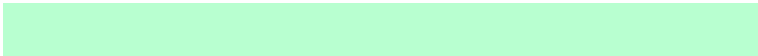
FF639C

Sweetspot

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



0CDA52



B8FFD0



95DA0C



548063



000000



808080

Same Dimension

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



0CDA52



00FF57



0CDAB8



636E66



00AD3B



002E10

Inverse Universe

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



DA0C94



FF00A8



DA0C2E



6E636A



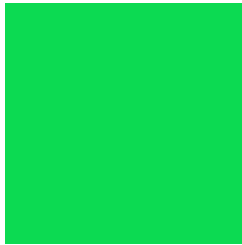
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 0CDA52 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 0CDA52 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 0CDA52 Background



This preview shows how black text looks on a background with the Hex color 0CDA52.

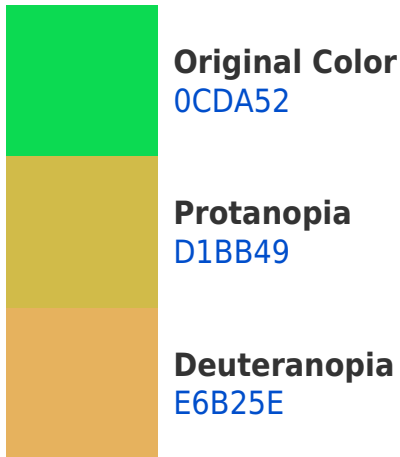


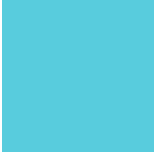
This preview shows how white text looks on a background with the Hex color 0CDA52.

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
58CCDD

Trichromacy



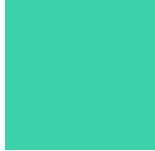
Original Color
0CDA52



Protanomaly
89C64C



Deuteranomaly
97C15A



Tritanomaly
3CD1AA

Monochromacy



Original Color
0CDA52



Achromatopsia
8D8D8D



Achromatomaly
5EA978

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CDA52 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 #0CDA52 looks like.

```
.text, #text, p{  
    color:#0CDA52  
}
```

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 #0CDA52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CDA52
}
```

Border

The CSS property to change the border of an element to Hex 0CDA52 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
#0CDA52 }
```

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

```
.border{ border-color:#0CDA52 }
```

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

Here you see how a box with a 4 pixel #0CDA52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CDA52; -webkit-box-shadow:4px 4px  
4px 4px #0CDA52; box-shadow:4px 4px 4px  
4px #0CDA52 }
```

Background

The CSS property to change the background color of an element to Hex 0CDA52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CDA52 }
```

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

```
.background{ background-color:#0CDA52 }
```

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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