

Converting Colors

Hex(00C432)

Have a look what the booklet for
Hex(00C432) contains.

Hex(00C432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C432)

Conversions

Conversions Part 1

Format	Color
Hex	00C432
RGB	0, 196, 50
RGB Percent	0%, 77%, 20%
CMY	1.0000, 0.2314, 0.8039
CMYK	1.00, 0.00, 0.74, 0.23
HSL	135°, 100%, 38%
HSV	135°, 100%, 77%
XYZ	20.3157, 39.7101, 9.6117
YIQ	120.7520, -69.9500, -86.9580

Conversions

Conversions Part 2

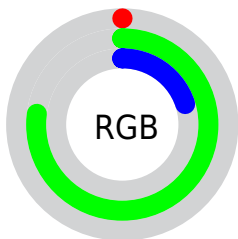
Format	Color
RYB	0, 156, 196
Decimal	50226
CIELab	69.26, -68.56, 57.95
CIELCh	69, 89.771, 139.793
Yxy	39.7101, 0.2917, 0.5702
Android (android.graphics.Color)	4278240306 (0xFF00C432)
YUV	120.7520, -34.8807, -105.8995
Hunter-Lab	63.0160, -52.7316, 35.0678

Details

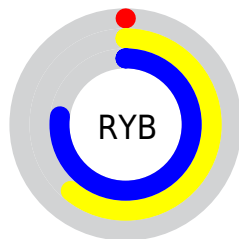
The Hex color **00C432** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C40092**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **65FE6A**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **00C432**, and if you desaturate by 10%, it is **14C441**.

Distribution



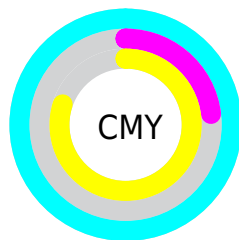
- Red (0%)
- Green (77%)
- Blue (20%)



- Red (0%)
- Yellow (61%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C432 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 00C432 by changing the saturation by 10% instead.

 00C432

 00C432

FFFFFF

 00A80F

 65FE6A

 008C00

 86FF85

 007200

 A5FFA1

 005800

 C4FFBD

 003F00

 E3FFDA

 002600

 FFFFF7

 000000

 00C432

 14C441

 27C44F

 3BC45E

 4EC46C

 62C47B

 76C48A

 89C498

 9DC4A7

 B0C4B5

Harmonies

Analogous

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



99B500



00C432



00CB8A

Triad

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



00C432



00BBFF



FF4D78

Complementary

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



00C432



C40092

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.



FF4CC9



00C432



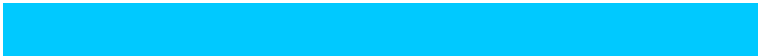
59A0FF

Square

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



00C432



00C9FF



ED76FF



FF7628

Rectangle

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



00C432



00CDC3



ED76FF



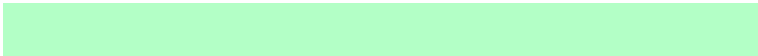
FF4592

Sweetspot

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



00C432



B3FFC6



93C400



52805D



000000



808080

Same Dimension

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



00C432



00FF41



00C493



57615A



00A129



002108

Inverse Universe

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



C40092



FF00BE



C40031



61575E



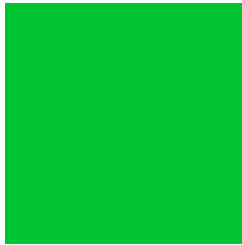
A10078



210019

Previews

White Background



This preview shows how the Hex color 00C432 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 00C432 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 00C432 Background



This preview shows how black text looks on a background with the Hex color 00C432.

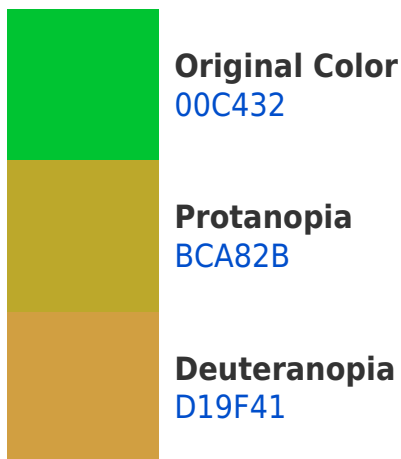


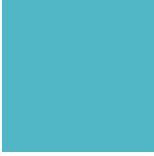
This preview shows how white text looks on a background with the Hex color 00C432.

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
51B7C6

Trichromacy



Original Color
00C432



Protanomaly
78B22E



Deuteranomaly
85AC3C



Tritanomaly
34BC90

Monochromacy



Original Color
00C432



Achromatopsia
797979



Achromatomaly
4D945F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C432 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 #00C432 looks like.

```
.text, #text, p{  
    color:#00C432  
}
```

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 #00C432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C432
}
```

Border

The CSS property to change the border of an element to Hex 00C432 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
#00C432 }
```

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

```
.border{ border-color:#00C432 }
```

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

Here you see how a box with a 4 pixel #00C432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C432; -webkit-box-shadow:4px 4px  
4px 4px #00C432; box-shadow:4px 4px 4px  
4px #00C432 }
```

Background

The CSS property to change the background color of an element to Hex 00C432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C432 }
```

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

```
.background{ background-color:#00C432 }
```

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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