

Converting Colors

Hex(00C277)

Have a look what the booklet for
Hex(00C277) contains.

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Color

Hex(00C277)

Conversions

Conversions Part 1

Format	Color
Hex	00C277
RGB	0, 194, 119
RGB Percent	0%, 76%, 47%
CMY	1.0000, 0.2392, 0.5333
CMYK	1.00, 0.00, 0.39, 0.24
HSL	157°, 100%, 38%
HSV	157°, 100%, 76%
XYZ	22.6216, 39.9155, 23.9649
YIQ	127.4440, -91.5490, -64.4530

Conversions

Conversions Part 2

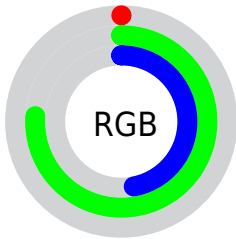
Format	Color
RYB	0, 120, 194
Decimal	49783
CIELab	69.41, -58.28, 26.50
CIELCh	69, 64.027, 155.548
Yxy	39.9155, 0.2615, 0.4614
Android (android.graphics.Color)	4278239863 (0xFF00C277)
YUV	127.4440, -4.1629, -111.7684
Hunter-Lab	63.1787, -46.6496, 21.7352

Details

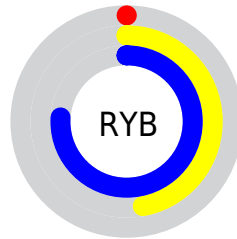
The Hex color **00C277** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C2004B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **63FCAC**, and **008B46** is the 20% darker color. If you saturate the color by 10%, you get **00C277**, and if you desaturate by 10%, it is **13C27E**.

Distribution



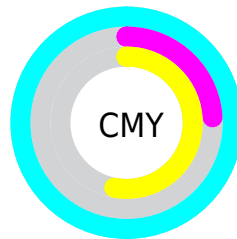
- Red (0%)
- Green (76%)
- Blue (47%)



- Red (0%)
- Yellow (47%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C277 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 00C277 by changing the saturation by 10% instead.

 00C277

 00C277

FFFFFF

 00A65E

 63FCAC

 008B46

 83FFC7

 00702E

 A1FFE4

 005717

 C0FFFF

 003E00

 DFFFFFF

 002600

FDFFFF

 000000

 00C277

 13C27E

 27C286

 3AC28D

 4EC295

 61C29C

 74C2A4

 88C2AB

 9BC2B3

 AFC2BA

Harmonies

Analogous

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



81B944



00C277



00C5B3

Triad

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



00C277



39ADFF



FF7E69

Complementary

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



00C277



C2004B

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.



FF73A1



00C277



BA95FF

Square

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



00C277



00BCFF



F87EDB



EE953D

Rectangle

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



00C277



00C5DA



F87EDB



FF787B

Sweetspot

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



00C277



B1FCDF



4EC200



52806E



000000



808080

Same Dimension

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



00C277



00FC9B



00AFC2



57615D



00A163



002114

Inverse Universe

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



C2004B



FC0062



C21300



61575B



A1003E



21000D

Previews

White Background



This preview shows how the Hex color 00C277 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 00C277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

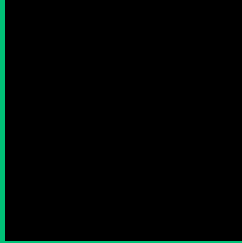
Any Text WCAG AA ✓ Pass

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 00C277 Background



This preview shows how black text looks on a background with the Hex color 00C277.



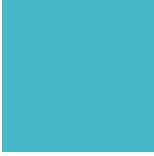
This preview shows how white text looks on a background with the Hex color 00C277.

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
46B8C7

Trichromacy



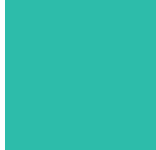
Original Color
00C277



Protanomaly
74B170



Deuteranomaly
7EAD7C



Tritanomaly
2DBCAA

Monochromacy



Original Color
00C277



Achromatopsia
7F7F7F



Achromatomaly
51977C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C277 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 #00C277 looks like.

```
.text, #text, p{  
    color:#00C277  
}
```

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 #00C277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C277  
}
```

Border

The CSS property to change the border of an element to Hex 00C277 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  
#00C277 }
```

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

```
.border{ border-color:#00C277 }
```

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

Here you see how a box with a 4 pixel #00C277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C277; -webkit-box-shadow:4px 4px  
4px 4px #00C277; box-shadow:4px 4px 4px  
4px #00C277 }
```

Background

The CSS property to change the background color of an element to Hex 00C277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C277 }
```

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

```
.background{ background-color:#00C277 }
```

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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