

Converting Colors

Hex(00CE21)

Have a look what the booklet for
Hex(00CE21) contains.

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Color

Hex(00CE21)

Conversions

Conversions Part 1

Format	Color
Hex	00CE21
RGB	0, 206, 33
RGB Percent	0%, 81%, 13%
CMY	1.0000, 0.1922, 0.8706
CMYK	1.00, 0.00, 0.84, 0.19
HSL	130°, 100%, 40%
HSV	130°, 100%, 81%
XYZ	22.3458, 44.2524, 8.8027
YIQ	124.6840, -67.2430, -97.4750

Conversions

Conversions Part 2

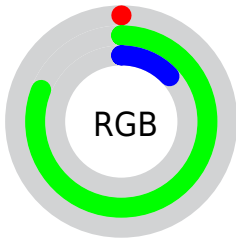
Format	Color
RYB	0, 178, 206
Decimal	52769
CIELab	72.40, -72.43, 65.93
CIELCh	72, 97.939, 137.689
Yxy	44.2524, 0.2964, 0.5869
Android (android.graphics.Color)	4278242849 (0xFF00CE21)
YUV	124.6840, -45.2002, -109.3479
Hunter-Lab	66.5225, -56.4538, 38.7201

Details

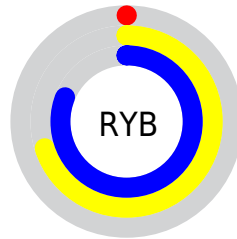
The Hex color **00CE21** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CE00AD**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **69FF5F**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **00CE21**, and if you desaturate by 10%, it is **15CE32**.

Distribution



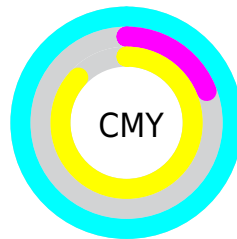
- Red (0%)
- Green (81%)
- Blue (13%)



- Red (0%)
- Yellow (70%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CE21 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 00CE21 by changing the saturation by 10% instead.

 00CE21

 00CE21

FFFFFF

 00B200

 69FF5F

 009600

 8AFF7B

 007B00

 AAFF97

 006000

 CAFFB4

 004700

 E9FFD1

 002E00

 FFFFEE

 001000

 000000

 00CE21

 15CE32

 29CE44

 3ECE55

 52CE66

 67CE78

 7CCE89

 90CE9A

 A5CEAB

 B9CEBD

Harmonies

Analogous

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



A4BE00



00CE21



00D688

Triad

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



00CE21



00C7FF



FF4281

Complementary

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



00CE21



CE00AD

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.



FF46DA



00CE21



28AAFF

Square

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



00CE21



00D5FF



F57CFF



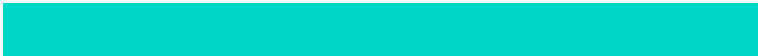
FF7428

Rectangle

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



00CE21



00D8C7



F57CFF



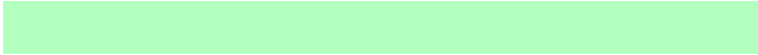
FF399F

Sweetspot

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



00CE21



B3FFBF



AFCE00



528059



000000



808080

Same Dimension

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



00CE21



00FF29



00CE86



5C665D



00A61B



002606

Inverse Universe

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



CE00AD



FF00D6



CE0048



665C64



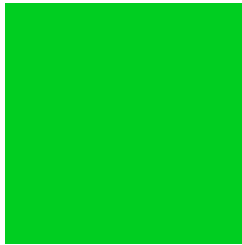
A6008B



260020

Previews

White Background



This preview shows how the Hex color 00CE21 looks on a white background.

Color Contrast Check

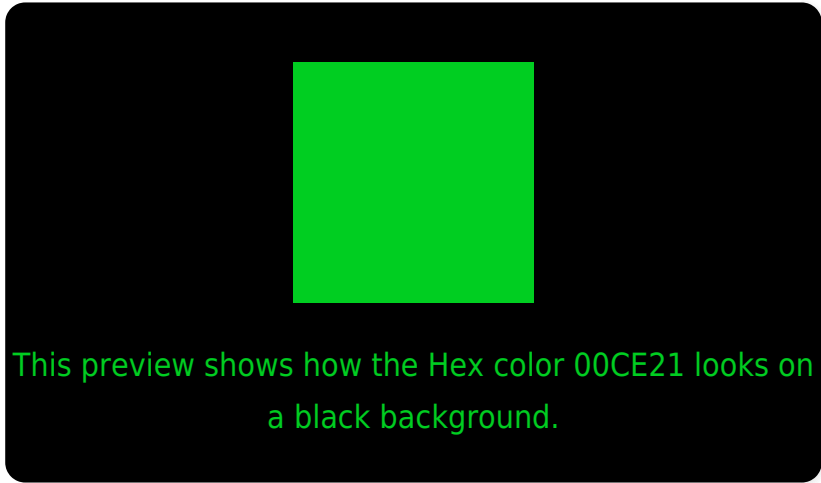
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 00CE21 Background



This preview shows how black text looks on a background with the Hex color 00CE21.



This preview shows how white text looks on a background with the Hex color 00CE21.

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](#).

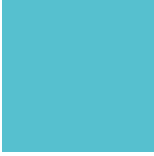
Dichromacy



Original Color
00CE21

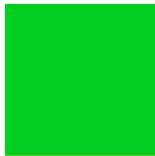
Protanopia
C6B019

Deuteranopia
DDA736



Tritanopia
56C0CF

Trichromacy



Original Color
00CE21



Protanomaly
7EBB1C

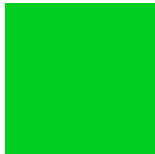


Deuteranomaly
8DB52E



Tritanomaly
37C590

Monochromacy



Original Color
00CE21



Achromatopsia
7D7D7D



Achromatomaly
509A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CE21 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 #00CE21 looks like.

```
.text, #text, p{  
    color:#00CE21  
}
```

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 #00CE21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CE21
}
```

Border

The CSS property to change the border of an element to Hex 00CE21 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
#00CE21 }
```

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

```
.border{ border-color:#00CE21 }
```

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

Here you see how a box with a 4 pixel #00CE21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CE21; -webkit-box-shadow:4px 4px  
4px 4px #00CE21; box-shadow:4px 4px 4px  
4px #00CE21 }
```

Background

The CSS property to change the background color of an element to Hex 00CE21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CE21 }
```

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

```
.background{ background-color:#00CE21 }
```

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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