

Converting Colors

Hex(0CED22)

Have a look what the booklet for
Hex(0CED22) contains.

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Color

Hex(0CED22)

Conversions

Conversions Part 1

Format	Color
Hex	0CED22
RGB	12, 237, 34
RGB Percent	5%, 93%, 13%
CMY	0.9529, 0.0706, 0.8667
CMYK	0.95, 0.00, 0.86, 0.07
HSL	126°, 90%, 49%
HSV	126°, 95%, 93%
XYZ	30.7245, 60.7620, 11.6223
YIQ	146.5830, -68.9370, -110.8330

Conversions

Conversions Part 2

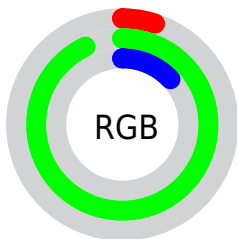
Format	Color
RYB	12, 217, 237
Decimal	847138
CIELab	82.25, -80.34, 74.53
CIELCh	82, 109.585, 137.151
Yxy	60.7620, 0.2980, 0.5893
Android (android.graphics.Color)	4279037218 (0xFF0CED22)
YUV	146.5830, -55.5034, -118.0293
Hunter-Lab	77.9500, -66.0555, 45.7249

Details

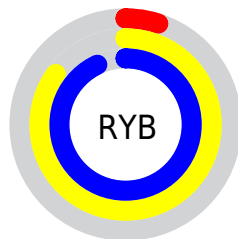
The Hex color **0CED22** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED0CD7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **74FF65**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **00ED17**, and if you desaturate by 10%, it is **24ED37**.

Distribution



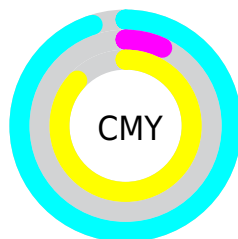
- Red (5%)
- Green (93%)
- Blue (13%)



- Red (5%)
- Yellow (85%)
- Blue (93%)



- Cyan (95%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)



- Cyan (95%)
- Magenta (7%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CED22 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 0CED22 by changing the saturation by 10% instead.

 0CED22

 0CED22

FFFFFF

 00D000

 74FF65

 00B300

 97FF82

 009700

 B7FF9F

 007C00

 D8FFBC

 006100

 F8FFD9

 004700

 FFFFF7

 002E00

 000F00

 000000

 0CED22

 0CED22

 00ED17

 24ED37

 3BED4D

 53ED62


 6BED78

 83ED8D

 9AEDA2

 B2EDB8

 CAEDCD

 E1EDE2

Harmonies

Analogous

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



BFDA00



0CED22



00F69B

Triad

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



0CED22



00E6FF



FF4A97

Complementary

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



0CED22



ED0CD7

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.



FF51FD



0CED22



06C5FF

Square

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



0CED22



00F5FF



FF90FF



FF8530

Rectangle

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



0CED22



00F9E3



FF90FF



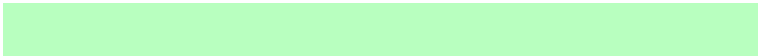
FF3FB9

Sweetspot

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



0CED22



B8FFBF



DAED0C



548058



000000



808080

Same Dimension

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



0CED22



00FF19



0CED8F



6A756B



00B512



003605

Inverse Universe

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



ED0CD7



FF00E6



ED0C6A



756A74



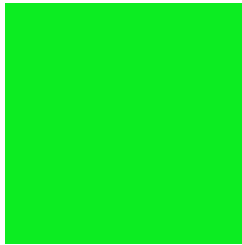
B500A3



360030

Previews

White Background



This preview shows how the Hex color 0CED22 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 0CED22 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

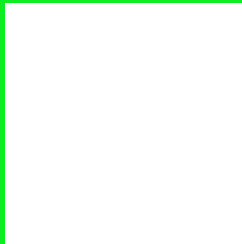
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0CED22 Background



This preview shows how black text looks on a background with the Hex color 0CED22.

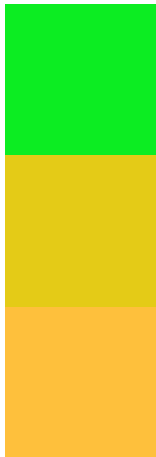


This preview shows how white text looks on a background with the Hex color 0CED22.

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](#).

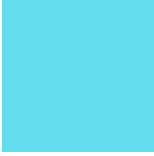
Dichromacy



Original Color
0CED22

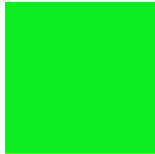
Protanopia
E4CB17

Deuteranopia
FEC03C



Tritanopia
63DDEE

Trichromacy



Original Color
0CED22



Protanomaly
95D71B

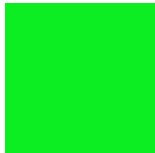


Deuteranomaly
A6D033



Tritanomaly
43E3A4

Monochromacy



Original Color
0CED22



Achromatopsia
939393



Achromatomaly
62B46A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CED22 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 #0CED22 looks like.

```
.text, #text, p{  
    color:#0CED22  
}
```

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 #0CED22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CED22
}
```

Border

The CSS property to change the border of an element to Hex 0CED22 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
#0CED22 }
```

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

```
.border{ border-color:#0CED22 }
```

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

Here you see how a box with a 4 pixel #0CED22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CED22; -webkit-box-shadow:4px 4px  
4px 4px #0CED22; box-shadow:4px 4px 4px  
4px #0CED22 }
```

Background

The CSS property to change the background color of an element to Hex 0CED22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CED22 }
```

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

```
.background{ background-color:#0CED22 }
```

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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