

Converting Colors

Hex(00ED22)

Have a look what the booklet for
Hex(00ED22) contains.

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Color

Hex(00ED22)

Conversions

Conversions Part 1

Format	Color
Hex	00ED22
RGB	0, 237, 34
RGB Percent	0%, 93%, 13%
CMY	1.0000, 0.0706, 0.8667
CMYK	1.00, 0.00, 0.86, 0.07
HSL	129°, 100%, 46%
HSV	129°, 100%, 93%
XYZ	30.5729, 60.6839, 11.6152
YIQ	142.9950, -76.0890, -113.3770

Conversions

Conversions Part 2

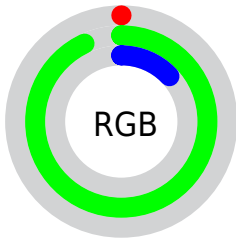
Format	Color
RYB	0, 207, 237
Decimal	60706
CIELab	82.21, -80.73, 74.47
CIELCh	82, 109.831, 137.308
Yxy	60.6839, 0.2972, 0.5899
Android (android.graphics.Color)	4278250786 (0xFF00ED22)
YUV	142.9950, -53.7345, -125.4066
Hunter-Lab	77.8999, -66.2698, 45.6895

Details

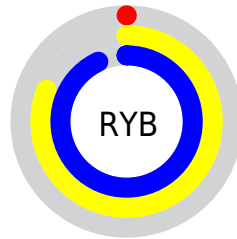
The Hex color **00ED22** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED00CB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **72FF64**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **00ED22**, and if you desaturate by 10%, it is **18ED36**.

Distribution



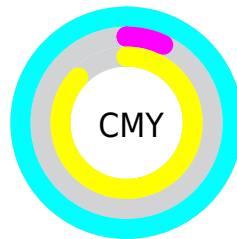
- Red (0%)
- Green (93%)
- Blue (13%)



- Red (0%)
- Yellow (81%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ED22 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 00ED22 by changing the saturation by 10% instead.

 00ED22

 00ED22

FFFFFF

 00D000

 72FF64

 00B300

 95FF82

 009700

 B6FF9F

 007C00

 D6FFBC

 006100

 F6FFD9

 004700

 FFFFF7

 002E00

 000F00

 000000

 00ED22

 18ED36

 2FED4B

 47ED5F

 5FED73

 76ED88

 8EED9C

 A6EDB0

 BEEDC4

 D5EDD9

Harmonies

Analogous

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



BEDA00



00ED22



00F69B

Triad

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



00ED22



00E6FF



FF4996

Complementary

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



00ED22



ED00CB

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.



FF50FD



00ED22



0FC5FF

Square

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



00ED22



00F5FF



FF8FFF



FF852F

Rectangle

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



00ED22



00F9E4



FF8FFF



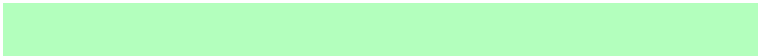
FF3EB8

Sweetspot

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



00ED22



B3FFBD



CDED00



528058



000000



808080

Same Dimension

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



00ED22



00FF25



00ED96



6A756B



00B51A



003608

Inverse Universe

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



ED00CB



FF00DA



ED0057



756A74



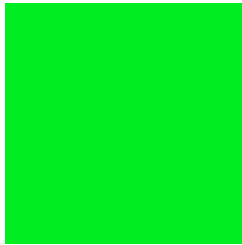
B5009B



36002E

Previews

White Background



This preview shows how the Hex color 00ED22 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 00ED22 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

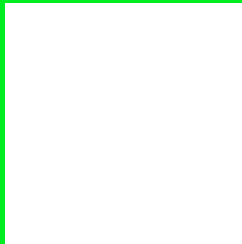
Any Text WCAG AAA ✓ Pass

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

Hex 00ED22 Background



This preview shows how black text looks on a background with the Hex color 00ED22.

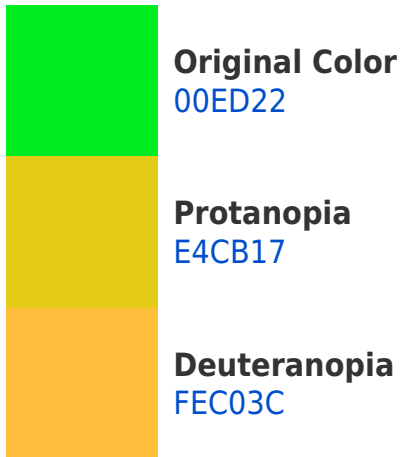


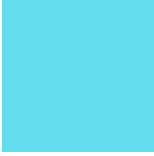
This preview shows how white text looks on a background with the Hex color 00ED22.

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](#).

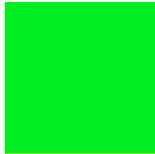
Dichromacy



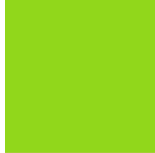


Tritanopia
63DDEE

Trichromacy



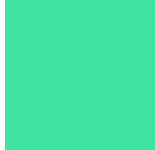
Original Color
00ED22



Protanomaly
91D71B

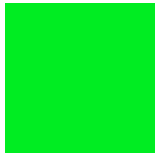


Deuteranomaly
A2D033



Tritanomaly
3FE3A4

Monochromacy



Original Color
00ED22



Achromatopsia
8F8F8F



Achromatomaly
5BB167

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ED22 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 #00ED22 looks like.

```
.text, #text, p{  
    color:#00ED22  
}
```

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 #00ED22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED22
}
```

Border

The CSS property to change the border of an element to Hex 00ED22 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
#00ED22 }
```

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

```
.border{ border-color:#00ED22 }
```

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

Here you see how a box with a 4 pixel #00ED22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED22; -webkit-box-shadow:4px 4px  
4px 4px #00ED22; box-shadow:4px 4px 4px  
4px #00ED22 }
```

Background

The CSS property to change the background color of an element to Hex 00ED22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED22 }
```

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

```
.background{ background-color:#00ED22 }
```

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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