

Converting Colors

Hex(2ED22D)

Have a look what the booklet for
Hex(2ED22D) contains.

Hex(2ED22D)	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(2ED22D)

Conversions

Conversions Part 1

Format	Color
Hex	2ED22D
RGB	46, 210, 45
RGB Percent	18%, 82%, 18%
CMY	0.8196, 0.1765, 0.8235
CMYK	0.78, 0.00, 0.79, 0.18
HSL	120°, 65%, 50%
HSV	120°, 79%, 82%
XYZ	24.6470, 46.8635, 10.2292
YIQ	142.1540, -44.7790, -86.0830

Conversions

Conversions Part 2

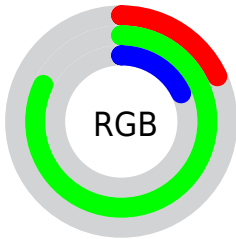
Format	Color
RYB	45, 210, 209
Decimal	3068461
CIELab	74.10, -69.53, 64.43
CIELCh	74, 94.791, 137.180
Yxy	46.8635, 0.3015, 0.5733
Android (android.graphics.Color)	4281258541 (0xFF2ED22D)
YUV	142.1540, -47.8969, -84.3271
Hunter-Lab	68.4569, -55.5332, 39.0604

Details

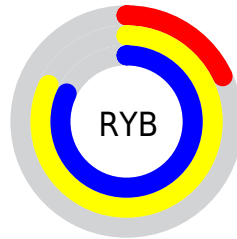
The Hex color **2ED22D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D12DD2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **78FF68**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **19D218**, and if you desaturate by 10%, it is **43D242**.

Distribution



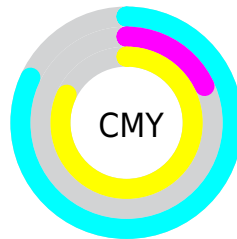
- Red (18%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (79%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ED22D 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 2ED22D by changing the saturation by 10% instead.

 2ED22D

 2ED22D

FFFFFF

 00B600

 78FF68

 009A00

 98FF84

 007F00

 B7FFA0

 006400

 D6FFBC

 004A00

 F5FFD9

 003300

 FFFFF7

 001700

 000000

 2ED22D

 2ED22D

 19D218

 43D242

 04D203

 58D257

 01D200

 6DD26C

 81D281

 96D296

 ABD2AB

 C0D2C0

 D5D2D5

 EAD2EA

Harmonies

Analogous

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



ACC100



2ED22D



00DA8C

Triad

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



2ED22D



00CBFF



FF5188

Complementary

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



2ED22D



D12DD2

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.



FF55DF



2ED22D



3FAFFF

Square

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



2ED22D



00D9FF



F684FF



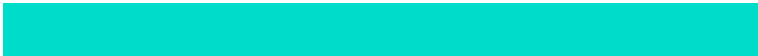
FF7B34

Rectangle

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



2ED22D



00DCCA



F684FF



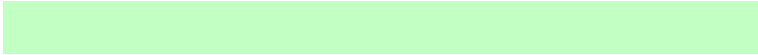
FF4AA5

Sweetspot

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



2ED22D



C2FFC2



D2CF2D



5B805B



000000



808080

Same Dimension

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



2ED22D



11FF0F



2DD27D



5E695E



01A800



002900

Inverse Universe

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



D12DD2



FE0FFF



D22D82



685E69



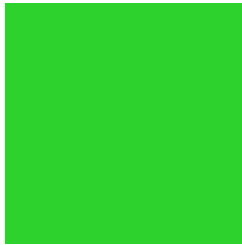
A700A8



290029

Previews

White Background



This preview shows how the Hex color 2ED22D 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 2ED22D 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 2ED22D Background



This preview shows how black text looks on a background with the Hex color 2ED22D.

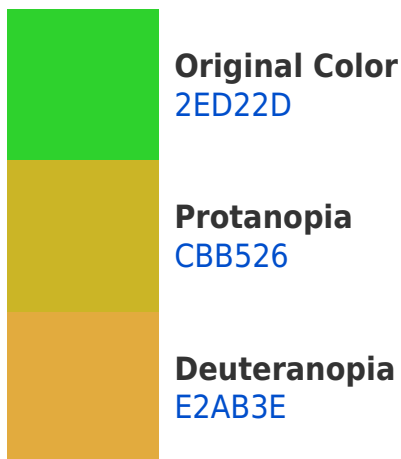


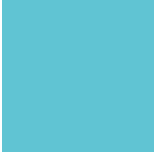
This preview shows how white text looks on a background with the Hex color 2ED22D.

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
60C4D3

Trichromacy



Original Color
2ED22D



Protanomaly
92C029



Deuteranomaly
A1B938



Tritanomaly
4EC997

Monochromacy



Original Color
2ED22D



Achromatopsia
8E8E8E



Achromatomaly
6BA76B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2ED22D 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 #2ED22D looks like.

```
.text, #text, p{  
    color:#2ED22D  
}
```

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 #2ED22D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ED22D
}
```

Border

The CSS property to change the border of an element to Hex 2ED22D 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
#2ED22D }
```

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

```
.border{ border-color:#2ED22D }
```

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

Here you see how a box with a 4 pixel #2ED22D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ED22D; -webkit-box-shadow:4px 4px  
4px 4px #2ED22D; box-shadow:4px 4px 4px  
4px #2ED22D }
```

Background

The CSS property to change the background color of an element to Hex 2ED22D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ED22D }
```

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

```
.background{ background-color:#2ED22D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor