

Converting Colors

Hex(1ED92D)

Have a look what the booklet for
Hex(1ED92D) contains.

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Color

Hex(1ED92D)

Conversions

Conversions Part 1

Format	Color
Hex	1ED92D
RGB	30, 217, 45
RGB Percent	12%, 85%, 18%
CMY	0.8824, 0.1490, 0.8235
CMYK	0.86, 0.00, 0.79, 0.15
HSL	125°, 76%, 48%
HSV	125°, 86%, 85%
XYZ	25.8219, 50.0912, 10.7902
YIQ	141.4790, -56.2400, -93.1360

Conversions

Conversions Part 2

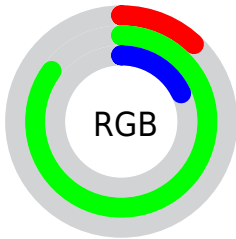
Format	Color
RYB	30, 203, 217
Decimal	2021677
CIELab	76.13, -73.26, 66.28
CIELCh	76, 98.795, 137.861
Yxy	50.0912, 0.2978, 0.5777
Android (android.graphics.Color)	4280211757 (0xFF1ED92D)
YUV	141.4790, -47.5641, -97.7671
Hunter-Lab	70.7751, -58.7317, 40.5034

Details

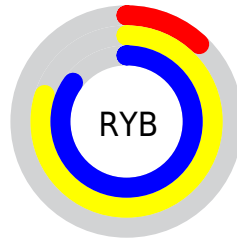
The Hex color **1ED92D** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D91ECA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **73FF69**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **08D919**, and if you desaturate by 10%, it is **34D941**.

Distribution



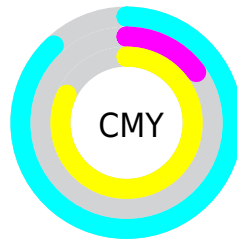
- Red (12%)
- Green (85%)
- Blue (18%)



- Red (12%)
- Yellow (80%)
- Blue (85%)



- Cyan (86%)
- Magenta (0%)
- Yellow (79%)
- Black (15%)



- Cyan (88%)
- Magenta (15%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1ED92D 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 1ED92D by changing the saturation by 10% instead.

 1ED92D

 1ED92D

FFFFFF

 00BC00

 73FF69

 00A000

 94FF85

 008500

 B4FFA1

 006A00

 D3FFBE

 005000

 F2FFDB

 003800

 FFFFF8

 001E00

 000000

 1ED92D

 1ED92D

■ 08D919

■ 34D941

■ 00D911

■ 49D955

■ 5FD969

■ 75D97D

■ 8BD991

■ A0D9A5

■ B6D9B9

■ CCD9CD

■ E1D9E1

Harmonies

Analogous

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



AFC800



1ED92D



00E192

Triad

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



1ED92D



00D2FF



FF4F8A

Complementary

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



1ED92D



D91ECA

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.



FF53E5



1ED92D



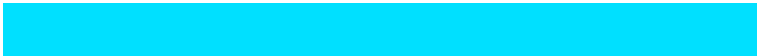
43B4FF

Square

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



1ED92D



00E0FF



FF86FF



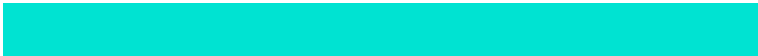
FF7E30

Rectangle

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



1ED92D



00E3D2



FF86FF



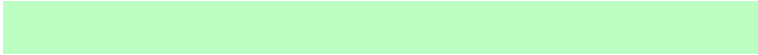
FF47A8

Sweetspot

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



1ED92D



BDFFC2



CDD91E



58805B



000000



808080

Same Dimension

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



1ED92D



00FF14



1ED988



636E64



00AD0E



002E04

Inverse Universe

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



D91ECA



FF00EB



D91E6F



6E636D



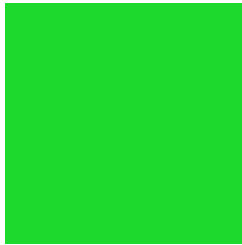
AD009F



2E002A

Previews

White Background



This preview shows how the Hex color 1ED92D 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 1ED92D 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 1ED92D Background



This preview shows how black text looks on a background with the Hex color 1ED92D.



This preview shows how white text looks on a background with the Hex color 1ED92D.

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](#).

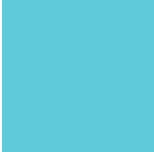
Dichromacy



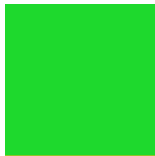
Original Color
1ED92D

Protanopia
D1BA25

Deuteranopia
E8B140



Trichromacy



Original Color
1ED92D



Protanomaly
90C528

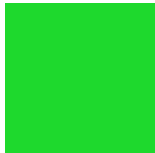


Deuteranomaly
9FC039



Tritanomaly
47CF9B

Monochromacy



Original Color
1ED92D



Achromatopsia
8D8D8D



Achromatomaly
65A96A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1ED92D 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 #1ED92D looks like.

```
.text, #text, p{  
    color:#1ED92D  
}
```

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 #1ED92D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED92D
}
```

Border

The CSS property to change the border of an element to Hex 1ED92D 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
#1ED92D }
```

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

```
.border{ border-color:#1ED92D }
```

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

Here you see how a box with a 4 pixel #1ED92D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED92D; -webkit-box-shadow:4px 4px  
4px 4px #1ED92D; box-shadow:4px 4px 4px  
4px #1ED92D }
```

Background

The CSS property to change the background color of an element to Hex 1ED92D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED92D }
```

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

```
.background{ background-color:#1ED92D }
```

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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