

Converting Colors

Hex(1EDD30)

Have a look what the booklet for
Hex(1EDD30) contains.

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Color

Hex(1EDD30)

Conversions

Conversions Part 1

Format	Color
Hex	1EDD30
RGB	30, 221, 48
RGB Percent	12%, 87%, 19%
CMY	0.8824, 0.1333, 0.8118
CMYK	0.86, 0.00, 0.78, 0.13
HSL	126°, 76%, 49%
HSV	126°, 86%, 87%
XYZ	26.9254, 52.2023, 11.4533
YIQ	144.1690, -58.3030, -94.2950

Conversions

Conversions Part 2

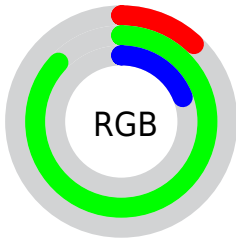
Format	Color
RYB	30, 205, 221
Decimal	2022704
CIELab	77.40, -74.21, 66.63
CIELCh	77, 99.733, 138.083
Yxy	52.2023, 0.2973, 0.5763
Android (android.graphics.Color)	4280212784 (0xFF1EDD30)
YUV	144.1690, -47.4113, -100.1262
Hunter-Lab	72.2512, -59.9191, 41.1772

Details

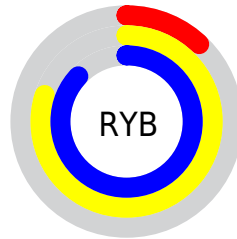
The Hex color **1EDD30** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DD1ECB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **74FF6B**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **08DD1C**, and if you desaturate by 10%, it is **34DD44**.

Distribution



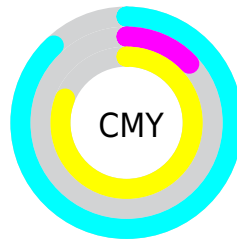
- Red (12%)
- Green (87%)
- Blue (19%)



- Red (12%)
- Yellow (80%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (78%)
- Black (13%)



- Cyan (88%)
- Magenta (13%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EDD30 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 1EDD30 by changing the saturation by 10% instead.

 1EDD30

 1EDD30

FFFFFF

 00C000

 74FF6B

 00A400

 95FF87

 008900

 B5FFA4

 006E00

 D4FFC1

 005400

 F4FFDE

 003C00

 FFFFFB

 002100

 000000

 1EDD30

 1EDD30

■ 08DD1C

■ 34DD44

■ 00DD15

■ 4ADD58

■ 60DD6C

■ 76DD80

■ 8DDD94

■ A3DDA8

■ B9DDBC

■ CFDD0

■ E5DDE4

Harmonies

Analogous

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



B2CC00



1EDD30



00E596

Triad

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



1EDD30



00D5FF



FF528C

Complementary

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



1EDD30



DD1ECB

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.



FF55E8



1EDD30



4AB7FF

Square

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



1EDD30



00E4FF



FF88FF



FF8232

Rectangle

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



1EDD30



00E7D7



FF88FF



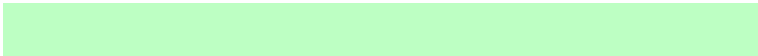
FF4AAA

Sweetspot

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



1EDD30



BDFFC3



CDDD1E



58805C



000000



808080

Same Dimension

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



1EDD30



00FF18



1EDD8D



636E64



00AD10



002E04

Inverse Universe

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



DD1ECB



FF00E7



DD1E6E



6E636D



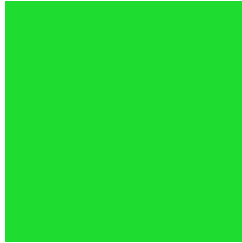
AD009D



2E002A

Previews

White Background



This preview shows how the Hex color 1EDD30 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 1EDD30 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 1EDD30 Background



This preview shows how black text looks on a background with the Hex color 1EDD30.

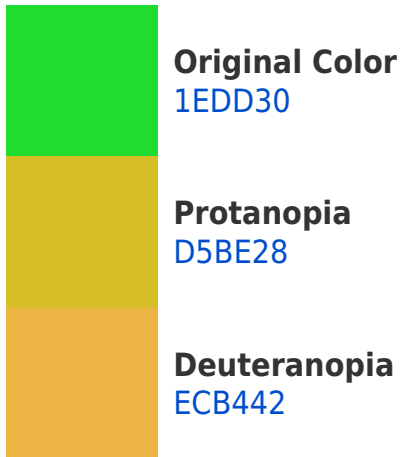


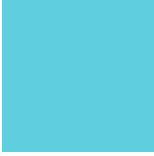
This preview shows how white text looks on a background with the Hex color 1EDD30.

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](#).

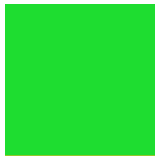
Dichromacy





Tritanopia
5FCEDF

Trichromacy



Original Color
1EDD30



Protanomaly
92C92B



Deuteranomaly
A1C33B



Tritanomaly
47D39F

Monochromacy



Original Color
1EDD30



Achromatopsia
909090



Achromatomaly
67AC6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EDD30 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 #1EDD30 looks like.

```
.text, #text, p{  
    color:#1EDD30  
}
```

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 #1EDD30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EDD30
}
```

Border

The CSS property to change the border of an element to Hex 1EDD30 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
#1EDD30 }
```

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

```
.border{ border-color:#1EDD30 }
```

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

Here you see how a box with a 4 pixel #1EDD30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EDD30; -webkit-box-shadow:4px 4px  
4px 4px #1EDD30; box-shadow:4px 4px 4px  
4px #1EDD30 }
```

Background

The CSS property to change the background color of an element to Hex 1EDD30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EDD30 }
```

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

```
.background{ background-color:#1EDD30 }
```

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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