

Converting Colors

Hex(1EDF86)

Have a look what the booklet for
Hex(1EDF86) contains.

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Color

Hex(1EDF86)

Conversions

Conversions Part 1

Format	Color
Hex	1EDF86
RGB	30, 223, 134
RGB Percent	12%, 87%, 53%
CMY	0.8824, 0.1255, 0.4745
CMYK	0.87, 0.00, 0.40, 0.13
HSL	152°, 76%, 50%
HSV	152°, 87%, 87%
XYZ	31.2262, 54.7726, 31.4806
YIQ	155.1470, -86.4590, -68.5950

Conversions

Conversions Part 2

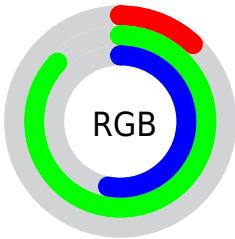
Format	Color
RYB	30, 155, 223
Decimal	2023302
CIELab	78.91, -64.09, 31.39
CIELCh	79, 71.361, 153.904
Yxy	54.7726, 0.2658, 0.4662
Android (android.graphics.Color)	4280213382 (0xFF1EDF86)
YUV	155.1470, -10.4255, -109.7539
Hunter-Lab	74.0085, -54.2010, 26.5861

Details

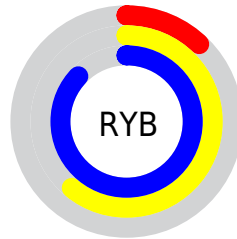
The Hex color **1EDF86** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DF1E77**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFBC**, and **00A653** is the 20% darker color. If you saturate the color by 10%, you get **08DF7C**, and if you desaturate by 10%, it is **34DF90**.

Distribution



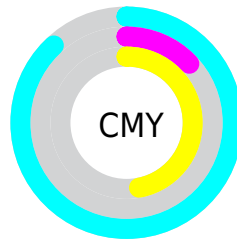
- Red (12%)
- Green (87%)
- Blue (53%)



- Red (12%)
- Yellow (61%)
- Blue (87%)



- Cyan (87%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (88%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EDF86 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 1EDF86 by changing the saturation by 10% instead.

 1EDF86

 1EDF86

FFFFFF

 00C26C

 72FFBC

 00A653

 92FFD8

 008B3B

 B1FFF5

 007023

 D1FFFF

 00560A

 F0FFFF

 003D00

 002500

 000000

 1EDF86

 1EDF86

 08DF7C

 34DF90

 00DF78

 4BDF9B

 61DFA5

 77DFAF

 8DDFB9

 A4DFC4

 BADFCE

 D0DFD8

 E7DFE3

Harmonies

Analogous

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



9AD54D



1EDF86



00E3CA

Triad

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



1EDF86



2EC8FF



FF917D

Complementary

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



1EDF86



DF1E77

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.



FF85BD



1EDF86



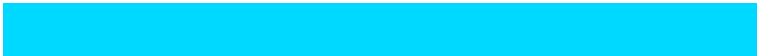
D1AEFF

Square

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



1EDF86



00D9FF



FF92FF



FFAA49

Rectangle

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



1EDF86



00E3F7



FF92FF



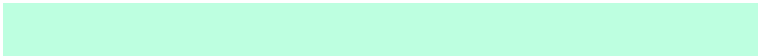
FF8A91

Sweetspot

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



1EDF86



BDFFE0



78DF1E



58806D



000000



808080

Same Dimension

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



1EDF86



00FF89



1ED9DF



65706B



00B05F



00301A

Inverse Universe

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



DF1E77



FF0076



DF241E



70656A



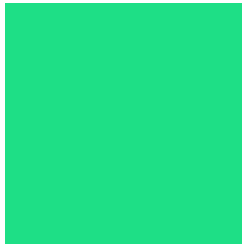
B00051



300016

Previews

White Background



This preview shows how the Hex color 1EDF86 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 1EDF86 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

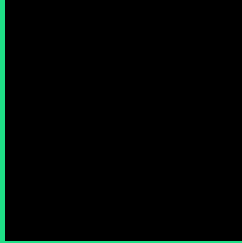
Any Text WCAG AA ✓ Pass

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 1EDF86 Background



This preview shows how black text looks on a background with the Hex color 1EDF86.

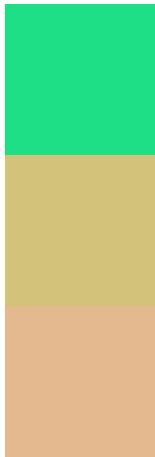


This preview shows how white text looks on a background with the Hex color 1EDF86.

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](#).

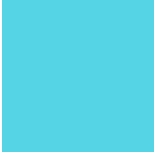
Dichromacy



Original Color
1EDF86

Protanopia
D3C27A

Deuteranopia
E5B98F



Tritanopia
55D4E5

Trichromacy



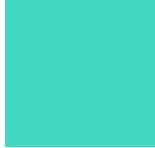
Original Color
1EDF86



Protanomaly
91CD7E



Deuteranomaly
9DC78C



Tritanomaly
41D8C2

Monochromacy



Original Color
1EDF86



Achromatopsia
9B9B9B



Achromatomaly
6EB493

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EDF86 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 #1EDF86 looks like.

```
.text, #text, p{  
    color:#1EDF86  
}
```

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 #1EDF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EDF86
}
```

Border

The CSS property to change the border of an element to Hex 1EDF86 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
#1EDF86 }
```

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

```
.border{ border-color:#1EDF86 }
```

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

Here you see how a box with a 4 pixel #1EDF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EDF86; -webkit-box-shadow:4px 4px  
4px 4px #1EDF86; box-shadow:4px 4px 4px  
4px #1EDF86 }
```

Background

The CSS property to change the background color of an element to Hex 1EDF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EDF86 }
```

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

```
.background{ background-color:#1EDF86 }
```

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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