

# Converting Colors

Hex(1DE250)

Have a look what the booklet for  
Hex(1DE250) contains.

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**Color**

**Hex(1DE250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DE250
RGB	29, 226, 80
RGB Percent	11%, 89%, 31%
CMY	0.8863, 0.1137, 0.6863
CMYK	0.87, 0.00, 0.65, 0.11
HSL	136°, 77%, 50%
HSV	136°, 87%, 89%
XYZ	29.1510, 55.2331, 16.7141
YIQ	150.4530, -70.5460, -87.1700

# Conversions

## Conversions Part 2

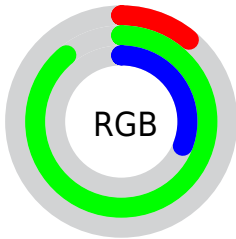
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 185, 226
Decimal	1958480
CIE <sub>Lab</sub>	79.18, -73.05, 57.01
CIE <sub>LCh</sub>	79, 92.661, 142.031
Yxy	55.2331, 0.2883, 0.5463
Android (android.graphics.Color)	4280148560 (0xFF1DE250)
YUV	150.4530, -34.7333, -106.5143
Hunter-Lab	74.3190, -60.0430, 38.6892

# Details

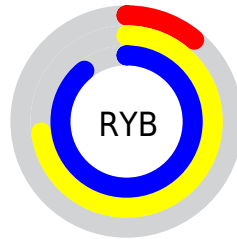
The Hex color **1DE250** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E21DAF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **74FF87**, and **00A912** is the 20% darker color. If you saturate the color by 10%, you get **06E23F**, and if you desaturate by 10%, it is **34E261**.

# Distribution



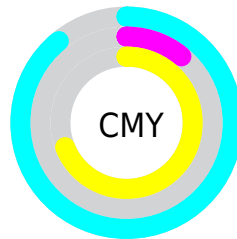
- Red (11%)
- Green (89%)
- Blue (31%)



- Red (11%)
- Yellow (73%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DE250 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 1DE250 by changing the saturation by 10% instead.



 1DE250

 1DE250

FFFFFF

 00C534

 74FF87

 00A912

 94FFA2

 008D00

 B4FFBF

 007200

 D4FFDB

 005800

 F3FFF9

 003F00

 002600

 000000

 1DE250

 1DE250

■ 06E23F

■ 34E261

■ 00E23B

■ 4AE271

■ 61E282

■ 77E293

■ 8EE2A4

■ A5E2B4

■ BBE2C5

■ D2E2D6

■ E8E2E7

# Harmonies

## Analogous

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



AED300



1DE250



00E9A9

# Triad

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



1DE250



00D5FF



FF6C89

# Complementary

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



1DE250



E21DAF

# 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.



FF67DF



1DE250



8CB7FF

# Square

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



1DE250



00E5FF



FF8DFF



FF9238

# Rectangle

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



1DE250



00EBE6



FF8DFF



FF64A5

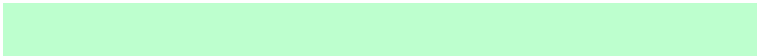


# Sweetspot

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



1DE250



BDFECE



B1E21D



588062



000000



808080



# Same Dimension

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



1DE250



00FF42



1DE2B1



657068



00B02E



00300D



# Inverse Universe

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



E21DAF



FF00BD



E21D4E



70656D



B00082

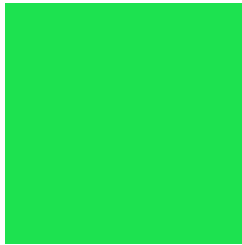


300024



# Previews

## White Background



This preview shows how the Hex color 1DE250 looks on a white background.

## Color Contrast Check

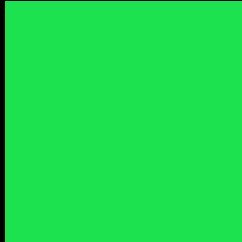
Large Text (above 18pt) WCAG AA × Fail

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 1DE250 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 1DE250 Background



This preview shows how black text looks on a background with the Hex color 1DE250.

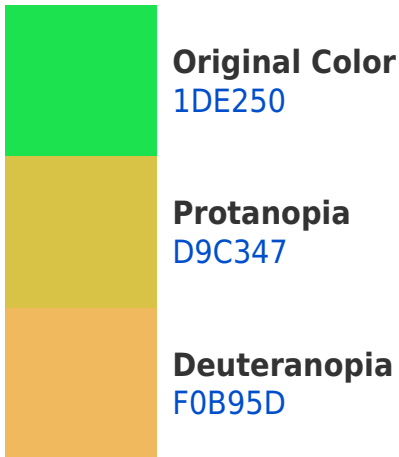


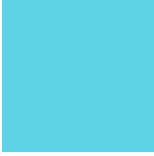
This preview shows how white text looks on a background with the Hex color 1DE250.

# 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](#).

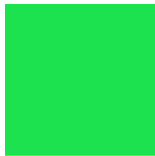
## Dichromacy





**Tritanopia**  
5ED3E5

# Trichromacy



**Original Color**  
1DE250



**Protanomaly**  
95CE4A



**Deuteranomaly**  
A3C858



**Tritanomaly**  
46D8AF

# Monochromacy



**Original Color**  
1DE250



**Achromatopsia**  
969696



**Achromatomaly**  
6AB27D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DE250 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 #1DE250 looks like.

```
.text, #text, p{  
    color:#1DE250  
}
```

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 #1DE250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DE250
}
```

## Border

The CSS property to change the border of an element to Hex 1DE250 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
#1DE250 }
```

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

```
.border{ border-color:#1DE250 }
```

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

Here you see how a box with a 4 pixel #1DE250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DE250; -webkit-box-shadow:4px 4px  
4px 4px #1DE250; box-shadow:4px 4px 4px  
4px #1DE250 }
```

# Background

The CSS property to change the background color of an element to Hex 1DE250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DE250 }
```

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

```
.background{ background-color:#1DE250 }
```

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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