

Converting Colors

Hex(1DE251)

Have a look what the booklet for
Hex(1DE251) contains.

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Color

Hex(1DE251)

Conversions

Conversions Part 1

Format	Color
Hex	1DE251
RGB	29, 226, 81
RGB Percent	11%, 89%, 32%
CMY	0.8863, 0.1137, 0.6824
CMYK	0.87, 0.00, 0.64, 0.11
HSL	136°, 77%, 50%
HSV	136°, 87%, 89%
XYZ	29.1883, 55.2480, 16.9101
YIQ	150.5670, -70.8670, -86.8590

Conversions

Conversions Part 2

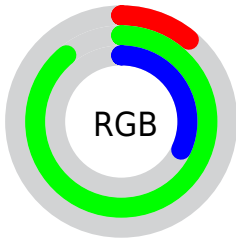
Format	Color
R_{YB}	29, 185, 226
Decimal	1958481
CIE _{Lab}	79.18, -72.94, 56.61
CIE _{LCh}	79, 92.329, 142.187
Yxy	55.2480, 0.2880, 0.5451
Android (android.graphics.Color)	4280148561 (0xFF1DE251)
YUV	150.5670, -34.2965, -106.6143
Hunter-Lab	74.3290, -59.9806, 38.5416

Details

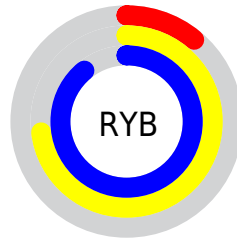
The Hex color **1DE251** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E21DAE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **73FF88**, and **00A914** is the 20% darker color. If you saturate the color by 10%, you get **06E240**, and if you desaturate by 10%, it is **34E262**.

Distribution



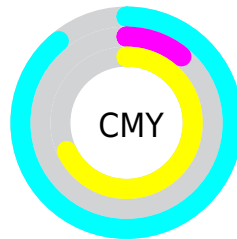
- Red (11%)
- Green (89%)
- Blue (32%)



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



- Cyan (87%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DE251 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 1DE251 by changing the saturation by 10% instead.

 1DE251

 1DE251

FFFFFF

 00C535

 73FF88

 00A914

 94FFA3

 008D00

 B4FFBF

 007200

 D4FFDC

 005800

 F3FFFA

 003F00

 002600

 000000

 1DE251

 1DE251

■ 06E240

■ 34E262

■ 00E23C

■ 4AE272

■ 61E283

■ 77E294

■ 8EE2A4

■ A5E2B5

■ BBE2C5

■ D2E2D6

■ E8E2E7

Harmonies

Analogous

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



AED300



1DE251



00E9AA

Triad

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



1DE251



00D5FF



FF6C89

Complementary

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



1DE251



E21DAE

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.



FF67DE



1DE251



8EB7FF

Square

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



1DE251



00E5FF



FF8DFF



FF9338

Rectangle

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



1DE251



00EBE6



FF8DFF



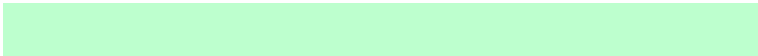
FF65A5

Sweetspot

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



1DE251



BDFfce



B1E21D



588062



000000



808080

Same Dimension

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



1DE251



00FF43



1DE2B1



657068



00B02E



00300D

Inverse Universe

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



E21DAE



FF00BC



E21D4E



70656D



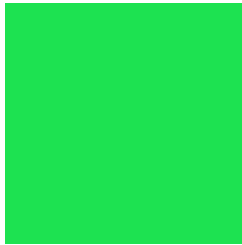
B00082



300024

Previews

White Background



This preview shows how the Hex color 1DE251 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 1DE251 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

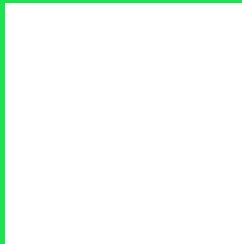
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1DE251 Background



This preview shows how black text looks on a background with the Hex color 1DE251.

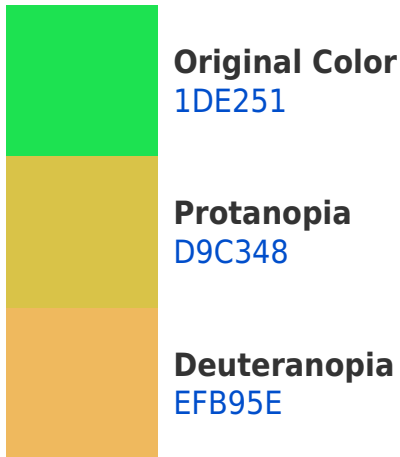


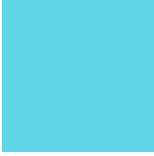
This preview shows how white text looks on a background with the Hex color 1DE251.

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](#).

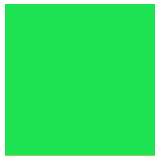
Dichromacy





Tritanopia
5ED4E5

Trichromacy



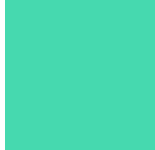
Original Color
1DE251



Protanomaly
95CE4B



Deuteranomaly
A3C859



Tritanomaly
46D9AF

Monochromacy



Original Color
1DE251



Achromatopsia
979797



Achromatomaly
6BB27E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DE251 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 #1DE251 looks like.

```
.text, #text, p{  
    color:#1DE251  
}
```

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 #1DE251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DE251
}
```

Border

The CSS property to change the border of an element to Hex 1DE251 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
#1DE251 }
```

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

```
.border{ border-color:#1DE251 }
```

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

Here you see how a box with a 4 pixel #1DE251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DE251; -webkit-box-shadow:4px 4px  
4px 4px #1DE251; box-shadow:4px 4px 4px  
4px #1DE251 }
```

Background

The CSS property to change the background color of an element to Hex 1DE251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DE251 }
```

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

```
.background{ background-color:#1DE251 }
```

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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