

# Converting Colors

Hex(12D541)

Have a look what the booklet for  
Hex(12D541) contains.

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# Color

**Hex(12D541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12D541
RGB	18, 213, 65
RGB Percent	7%, 84%, 25%
CMY	0.9294, 0.1647, 0.7451
CMYK	0.92, 0.00, 0.69, 0.16
HSL	134°, 84%, 45%
HSV	134°, 92%, 84%
XYZ	24.9978, 48.0988, 12.9675
YIQ	137.8230, -68.7120, -87.3680

# Conversions

## Conversions Part 2

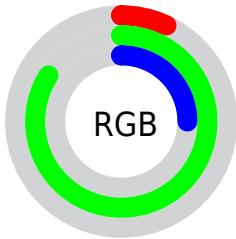
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 175, 213
Decimal	1234241
CIELab	74.89, -71.41, 58.30
CIELCh	75, 92.184, 140.768
Yxy	48.0988, 0.2905, 0.5589
Android (android.graphics.Color)	4279424321 (0xFF12D541)
YUV	137.8230, -35.9017, -105.0848
Hunter-Lab	69.3533, -57.0293, 37.4614

# Details

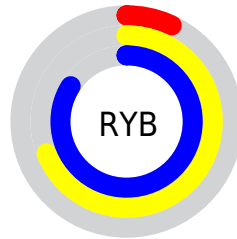
The Hex color **12D541** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D512A6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6DFF78**, and **009D00** is the 20% darker color. If you saturate the color by 10%, you get **00D533**, and if you desaturate by 10%, it is **27D551**.

# Distribution



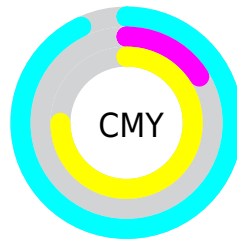
- Red (7%)
- Green (84%)
- Blue (25%)



- Red (7%)
- Yellow (69%)
- Blue (84%)



- Cyan (92%)
- Magenta (0%)
- Yellow (69%)
- Black (16%)



- Cyan (93%)
- Magenta (16%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 12D541 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 12D541 by changing the saturation by 10% instead.



 12D541

 12D541

FFFFFF

 00B823

 6DFF78

 009D00

 8EFF94

 008100

 AEFFB0

 006700

 CDFFCC

 004D00

 ECFE9

 003500

 001A00

 000000

 12D541

 12D541

■ 00D533

■ 27D551

■ 3DD561

■ 52D571

■ 67D582

■ 7DD592

■ 92D5A2

■ A7D5B2

■ BCD5C2

■ D2D5D2

# Harmonies

## Analogous

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



A5C600



12D541



00DC9A

# Triad

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



12D541



00CAFF



FF5D82

# Complementary

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



12D541



D512A6

# 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.



FF5AD6



12D541



73ADFF

# Square

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



12D541



00D9FF



FF83FF



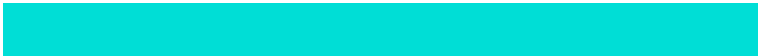
FF8530

# Rectangle

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



12D541



00DED6



FF83FF



FF559E

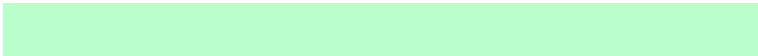


# Sweetspot

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



12D541



BAFFCB



A8D512



578061



000000



808080



# Same Dimension

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



12D541



00FF3D



12D5A1



606B63



00AB29



002B0A



# Inverse Universe

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



D512A6



FF00C2



D51246



6B6069



AB0082

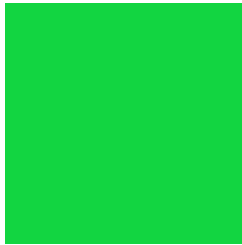


2B0021



# Previews

## White Background



This preview shows how the Hex color 12D541 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 12D541 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 12D541 Background



This preview shows how black text looks on a background with the Hex color 12D541.

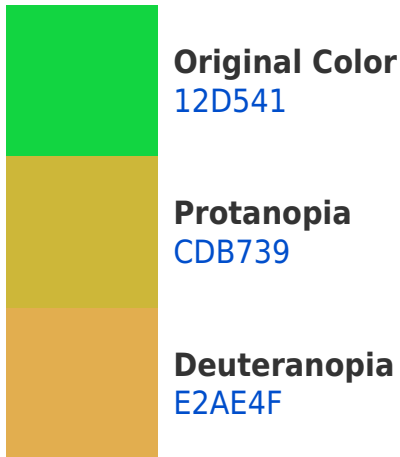


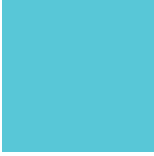
This preview shows how white text looks on a background with the Hex color 12D541.

# 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](#).

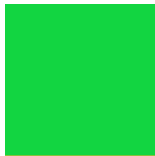
## Dichromacy





**Tritanopia**  
58C7D7

# Trichromacy



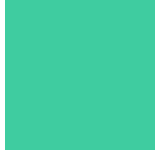
**Original Color**  
12D541



**Protanomaly**  
89C23C



**Deuteranomaly**  
96BC4A



**Tritanomaly**  
3FCCA0

# Monochromacy



**Original Color**  
12D541



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
5EA56F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 12D541 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 #12D541 looks like.

```
.text, #text, p{  
    color:#12D541  
}
```

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 #12D541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12D541
}
```

## Border

The CSS property to change the border of an element to Hex 12D541 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
#12D541 }
```

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

```
.border{ border-color:#12D541 }
```

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

Here you see how a box with a 4 pixel #12D541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12D541; -webkit-box-shadow:4px 4px  
4px 4px #12D541; box-shadow:4px 4px 4px  
4px #12D541 }
```

# Background

The CSS property to change the background color of an element to Hex 12D541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12D541 }
```

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

```
.background{ background-color:#12D541 }
```

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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