

# Converting Colors

Hex(12C515)

Have a look what the booklet for  
Hex(12C515) contains.

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**Color**

**Hex(12C515)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12C515
RGB	18, 197, 21
RGB Percent	7%, 77%, 8%
CMY	0.9294, 0.2275, 0.9176
CMYK	0.91, 0.00, 0.89, 0.23
HSL	121°, 83%, 42%
HSV	121°, 91%, 77%
XYZ	20.3511, 40.1152, 7.3799
YIQ	123.4150, -50.1880, -92.6840

# Conversions

## Conversions Part 2

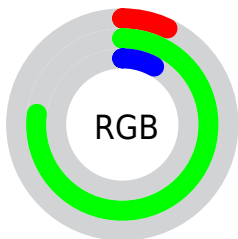
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 194, 197
Decimal	1230101
CIELab	69.55, -69.63, 65.96
CIELCh	70, 95.912, 136.552
Yxy	40.1152, 0.3000, 0.5913
Android (android.graphics.Color)	4279420181 (0xFF12C515)
YUV	123.4150, -50.4906, -92.4490
Hunter-Lab	63.3366, -53.4841, 37.4272

# Details

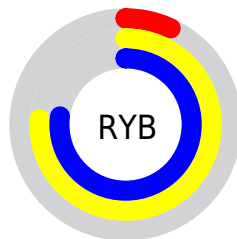
The Hex color **12C515** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C512C2**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6BFF57**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **00C503**, and if you desaturate by 10%, it is **26C528**.

# Distribution



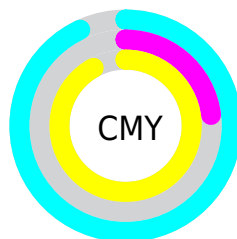
- Red (7%)
- Green (77%)
- Blue (8%)



- Red (7%)
- Yellow (76%)
- Blue (77%)



- Cyan (91%)
- Magenta (0%)
- Yellow (89%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 12C515 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 12C515 by changing the saturation by 10% instead.



 12C515

 12C515

FFFFFF

 00A900

 6BFF57

 008D00

 8BFF73

 007300

 AAFF8F

 005800

 C9FFAC

 004000

 E8FFC9

 002700

 FFFFE6

 000000

 12C515

 12C515

 00C503

 26C528

 39C53C

 4DC54F

 61C562

 75C576

 88C589

 9CC59D

 B0C5B0

 C3C5C3

# Harmonies

## Analogous

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



A0B500



12C515



00CD7E

# Triad

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



12C515



00C0FF



FF3A7E

# Complementary

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



12C515



C512C2

# 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.



FF41D5



12C515



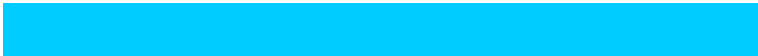
00A4FF

# Square

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



12C515



00CCFF



E778FF



FF6C28

# Rectangle

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



12C515



00CFBB



E778FF



FF319B

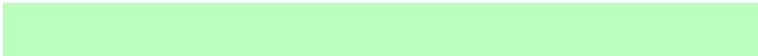


# Sweetspot

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



12C515



BAFFBB



C2C512



578057



000000



808080



# Same Dimension

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



12C515



00FF04



12C56E



5A635A



00A303



002401



# Inverse Universe

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



C512C2



FF00FB



C51269



635A63



A300A0

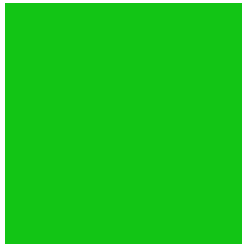


240023



# Previews

## White Background



This preview shows how the Hex color 12C515 looks on a white background.

## Color Contrast Check

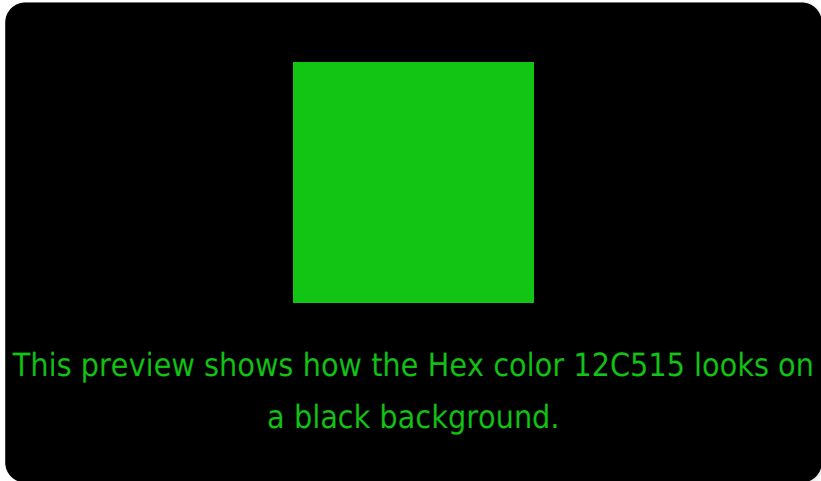
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 12C515 Background



This preview shows how black text looks on a background with the Hex color 12C515.

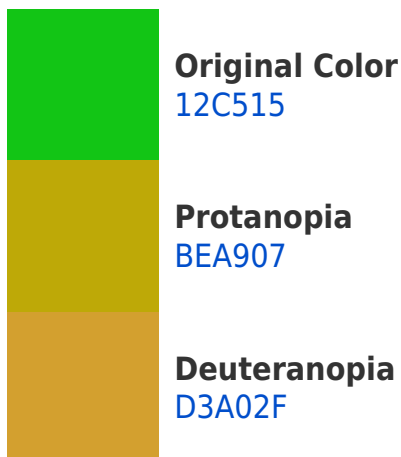


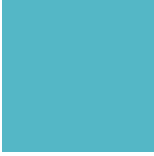
This preview shows how white text looks on a background with the Hex color 12C515.

# 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](#).

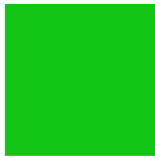
## Dichromacy





**Tritanopia**  
54B7C6

# Trichromacy



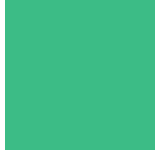
**Original Color**  
12C515



**Protanomaly**  
7FB30C



**Deuteranomaly**  
8DAD26



**Tritanomaly**  
3CBC86

# Monochromacy



**Original Color**  
12C515



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
559656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 12C515 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 #12C515 looks like.

```
.text, #text, p{  
    color:#12C515  
}
```

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 #12C515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C515
}
```

## Border

The CSS property to change the border of an element to Hex 12C515 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
#12C515 }
```

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

```
.border{ border-color:#12C515 }
```

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

Here you see how a box with a 4 pixel #12C515 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C515; -webkit-box-shadow:4px 4px  
4px 4px #12C515; box-shadow:4px 4px 4px  
4px #12C515 }
```

# Background

The CSS property to change the background color of an element to Hex 12C515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C515 }
```

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

```
.background{ background-color:#12C515 }
```

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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