

# Converting Colors

Hex(12C64A)

Have a look what the booklet for  
Hex(12C64A) contains.

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# Color

Hex(12C64A)

# Conversions

## Conversions Part 1

Format	Color
Hex	12C64A
RGB	18, 198, 74
RGB Percent	7%, 78%, 29%
CMY	0.9294, 0.2235, 0.7098
CMYK	0.91, 0.00, 0.63, 0.22
HSL	139°, 83%, 42%
HSV	139°, 91%, 78%
XYZ	21.6796, 41.0112, 13.2519
YIQ	130.0440, -67.4760, -76.7240

# Conversions

## Conversions Part 2

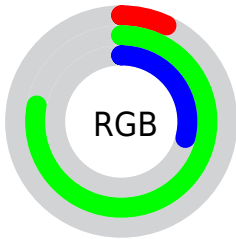
Format	Color
<a href="#">RYB</a>	<a href="#">18, 155, 198</a>
Decimal	<a href="#">1230410</a>
CIELab	<a href="#">70.18, -65.98, 49.48</a>
CIELCh	<a href="#">70, 82.475, 143.136</a>
Yxy	<a href="#">41.0112, 0.2855, 0.5400</a>
Android (android.graphics.Color)	<a href="#">4279420490 (0xFF12C64A)</a>
YUV	<a href="#">130.0440, -27.6297, -98.2626</a>
Hunter-Lab	<a href="#">64.0400, -51.6420, 32.5590</a>

# Details

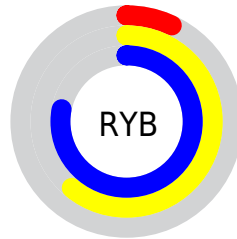
The Hex color **12C64A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C6128E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69FF7F**, and **008E11** is the 20% darker color. If you saturate the color by 10%, you get **00C63E**, and if you desaturate by 10%, it is **26C658**.

# Distribution



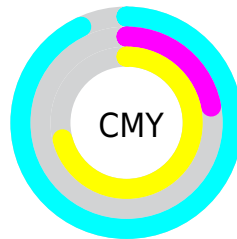
- Red (7%)
- Green (78%)
- Blue (29%)



- Red (7%)
- Yellow (61%)
- Blue (78%)



- Cyan (91%)
- Magenta (0%)
- Yellow (63%)
- Black (22%)



- Cyan (93%)
- Magenta (22%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 12C64A 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 12C64A by changing the saturation by 10% instead.



 12C64A

 12C64A

FFFFFF

 00AA2F

 69FF7F

 008E11

 88FF9A

 007400

 A7FFB6

 005A00

 C6FFD2

 004000

 E5FFE5

 002800

 000100

 000000

 12C64A

 12C64A

 00C63E

 26C658

 3AC665

 4DC673

 61C681

 75C68E

 89C69C

 9DC6A9

 B0C6B7

 C4C6C5

# Harmonies

## Analogous

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



96B900



12C64A



00CC97

# Triad

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



12C64A



00BAFF



FF6176

# Complementary

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



12C64A



C6128E

# 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.



FF5BC0



12C64A



839FFF

# Square

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



12C64A



00C8FF



F47BFF



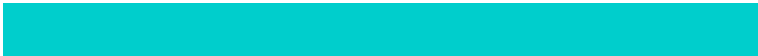
FF8230

# Rectangle

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



12C64A



00CECC



F47BFF



FF5A8E

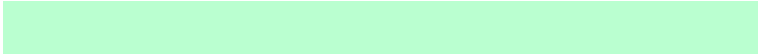


# Sweetspot

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



12C64A



BAFFD0



90C612



578063



000000



808080



# Same Dimension

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



12C64A



00FF4F



12C6A2



5A635D



00A333



00240B



# Inverse Universe

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



C6128E



FF00B0



C61236



635A60



A30070

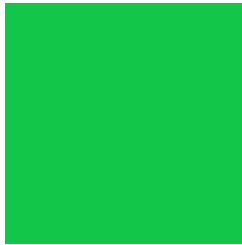


240019



# Previews

## White Background



This preview shows how the Hex color 12C64A 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 12C64A 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 12C64A Background



This preview shows how black text looks on a background with the Hex color 12C64A.

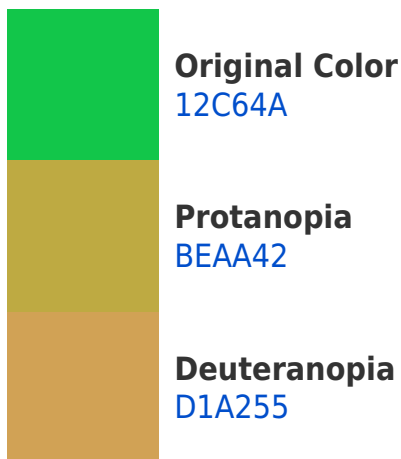


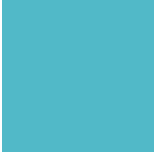
This preview shows how white text looks on a background with the Hex color 12C64A.

# 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**  
51B9C8

# Trichromacy



**Original Color**

12C64A



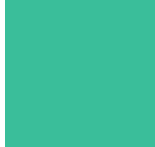
**Protanomaly**

7FB445



**Deuteranomaly**

8CAF51



**Tritanomaly**

3ABE9A

# Monochromacy



**Original Color**

12C64A



**Achromatopsia**

828282



**Achromatomaly**

599B6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 12C64A 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 #12C64A looks like.

```
.text, #text, p{  
    color:#12C64A  
}
```

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 #12C64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C64A
}
```

## Border

The CSS property to change the border of an element to Hex 12C64A 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
#12C64A }
```

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

```
.border{ border-color:#12C64A }
```

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

Here you see how a box with a 4 pixel #12C64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C64A; -webkit-box-shadow:4px 4px  
4px 4px #12C64A; box-shadow:4px 4px 4px  
4px #12C64A }
```

# Background

The CSS property to change the background color of an element to Hex 12C64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C64A }
```

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

```
.background{ background-color:#12C64A }
```

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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