

# Converting Colors

Hex(2CCA64)

Have a look what the booklet for  
Hex(2CCA64) contains.

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# Color

Hex(2CCA64)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CCA64
RGB	44, 202, 100
RGB Percent	17%, 79%, 39%
CMY	0.8275, 0.2078, 0.6078
CMYK	0.78, 0.00, 0.50, 0.21
HSL	141°, 64%, 48%
HSV	141°, 78%, 79%
XYZ	24.4595, 43.6966, 19.2017
YIQ	143.1300, -61.4260, -65.2180

# Conversions

## Conversions Part 2

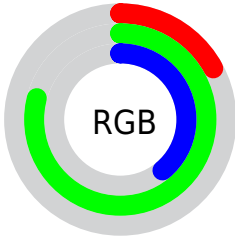
Format	Color
<a href="#">RYB</a>	<a href="#">44, 161, 202</a>
Decimal	<a href="#">2935396</a>
CIELab	<a href="#">72.03, -61.39, 39.61</a>
CIELCh	<a href="#">72, 73.057, 147.166</a>
Yxy	<a href="#">43.6966, 0.2800, 0.5002</a>
Android (android.graphics.Color)	<a href="#">4281125476 (0xFF2CCA64)</a>
YUV	<a href="#">143.1300, -21.2631, -86.9370</a>
Hunter-Lab	<a href="#">66.1034, -49.6327, 29.0498</a>

# Details

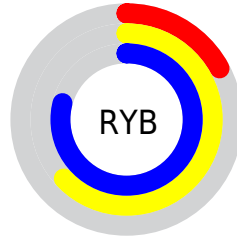
The Hex color **2CCA64** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA2C92**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **73FF99**, and **009232** is the 20% darker color. If you saturate the color by 10%, you get **18CA57**, and if you desaturate by 10%, it is **40CA71**.

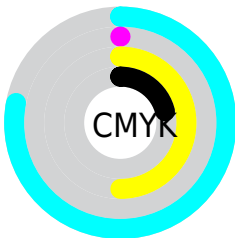
# Distribution



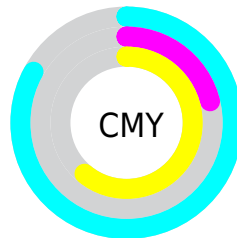
- Red (17%)
- Green (79%)
- Blue (39%)



- Red (17%)
- Yellow (63%)
- Blue (79%)



- Cyan (78%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (83%)
- Magenta (21%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CCA64 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 2CCA64 by changing the saturation by 10% instead.



 2CCA64

 2CCA64

FFFFFF

 00AE4B

 73FF99

 009232

 92FFB4

 007818

 B1FFD0

 005E00

 CFF FED

 004400

 ED FFFF

 002D00

 000D00

 000000

 2CCA64

 2CCA64

 18CA57

 40CA71

 04CA4A

 54CA7E

 00CA48

 69CA8B

 7DCA98

 91CAA5

 A5CAB2

 B9CABF

 CECACC

 E2CAD9

# Harmonies

## Analogous

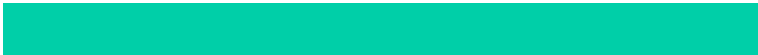
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96BF29



2CCA64



00CFA8

# Triad

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



2CCA64



00BAFF



FF7678

# Complementary

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



2CCA64



CA2C92

# 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.



FF6FBA



2CCA64



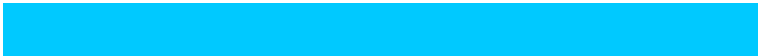
A4A2FF

# Square

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



2CCA64



00C9FF



FB83FA



FF913E

# Rectangle

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



2CCA64



00D0D6



FB83FA



FF718D

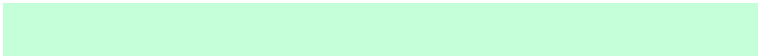


# Sweetspot

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



2CCA64



C4FFD9



93CA2C



5C8068



000000



808080



# Same Dimension

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



2CCA64



0FFF64



2CCAB2



5C665F



00A63B



00260E



# Inverse Universe

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



CA2C92



FF0FAA



CA2C44



665C62



A6006B



260019



# Previews

## White Background



This preview shows how the Hex color 2CCA64 looks on a white background.

## Color Contrast Check

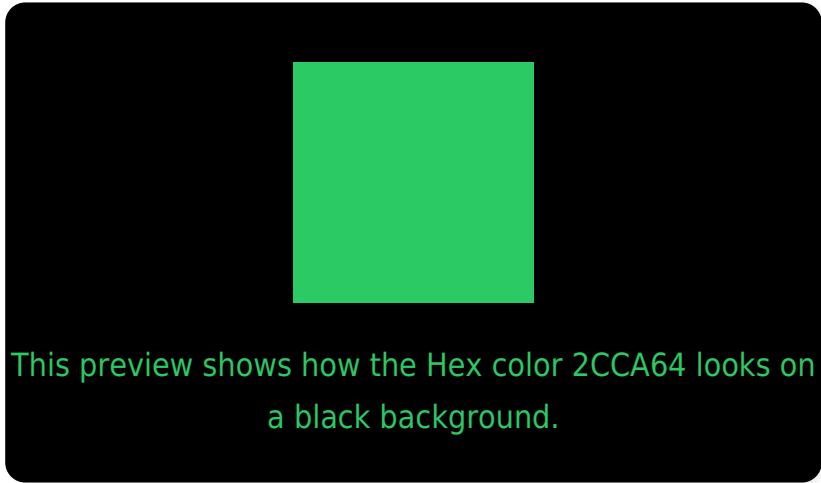
Large Text (above 18pt) WCAG AA × Fail

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

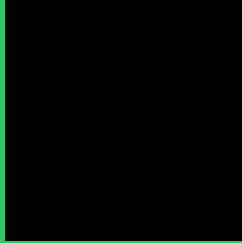
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CCA64 Background



This preview shows how black text looks on a background with the Hex color 2CCA64.

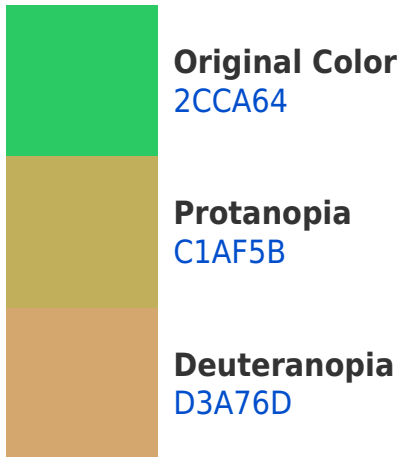


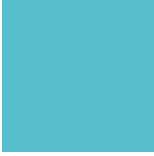
This preview shows how white text looks on a background with the Hex color 2CCA64.

# 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





# Trichromacy



**Original Color**  
2CCA64



**Protanomaly**  
8BB95E



**Deuteranomaly**  
96B46A



**Tritanomaly**  
47C2A7

# Monochromacy



**Original Color**  
2CCA64



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
6BA47F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CCA64 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 #2CCA64 looks like.

```
.text, #text, p{  
    color:#2CCA64  
}
```

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 #2CCA64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CCA64
}
```

## Border

The CSS property to change the border of an element to Hex 2CCA64 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
#2CCA64 }
```

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

```
.border{ border-color:#2CCA64 }
```

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

Here you see how a box with a 4 pixel #2CCA64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CCA64; -webkit-box-shadow:4px 4px  
4px 4px #2CCA64; box-shadow:4px 4px 4px  
4px #2CCA64 }
```

# Background

The CSS property to change the background color of an element to Hex 2CCA64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CCA64 }
```

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

```
.background{ background-color:#2CCA64 }
```

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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