

# Converting Colors

Hex(4CC647)

Have a look what the booklet for  
Hex(4CC647) contains.

<b>Hex(4CC647)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4CC647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CC647
RGB	76, 198, 71
RGB Percent	30%, 78%, 28%
CMY	0.7020, 0.2235, 0.7216
CMYK	0.62, 0.00, 0.64, 0.22
HSL	118°, 53%, 53%
HSV	118°, 64%, 78%
XYZ	24.3119, 42.3796, 12.8599
YIQ	147.0440, -31.9450, -65.3610

# Conversions

## Conversions Part 2

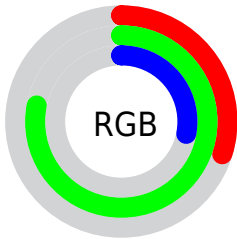
Format	Color
<a href="#">RYB</a>	<a href="#">71, 198, 193</a>
Decimal	<a href="#">5031495</a>
CIELab	<a href="#">71.13, -58.18, 52.10</a>
CIELCh	<a href="#">71, 78.095, 138.154</a>
Yxy	<a href="#">42.3796, 0.3056, 0.5327</a>
Android (android.graphics.Color)	<a href="#">4283221575 (0xFF4CC647)</a>
YUV	<a href="#">147.0440, -37.4897, -62.3056</a>
Hunter-Lab	<a href="#">65.0996, -47.2623, 33.8574</a>

# Details

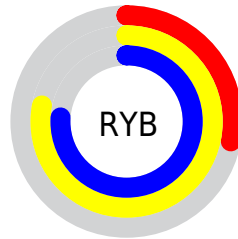
The Hex color **4CC647** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C147C6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **89FF7C**, and **008F09** is the 20% darker color. If you saturate the color by 10%, you get **39C633**, and if you desaturate by 10%, it is **5FC65B**.

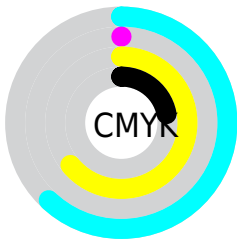
# Distribution



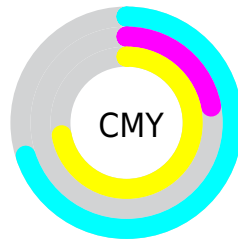
- Red (30%)
- Green (78%)
- Blue (28%)



- Red (28%)
- Yellow (78%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CC647 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 4CC647 by changing the saturation by 10% instead.



 4CC647

 4CC647

FFFFFF

 27AA2C

 89FF7C

 008F09

 A7FF98

 007400

 C5FFB3

 005A00

 E3FFD0

 004200

 FFFFED

 002B00

 000800

 000000

 4CC647

 4CC647

 39C633

 5FC65B

 26C61F

 72C66F

 13C60C

 85C682

 08C600

 98C696

 ABC6AA

 BEC6BE

 D1C6D2

 E4C6E5

 F7C6F9

# Harmonies

## Analogous

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



A7B800



4CC647



00CD8E

# Triad

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



4CC647



00BFFF



FF6786

# Complementary

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



4CC647



C147C6

# Split Complementary

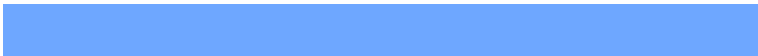
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF69CD



4CC647



6EA7FF

# Square

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



4CC647



00CBFF



E787FF



FF8245

# Rectangle

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



4CC647



00CFC0



E787FF



FF639E

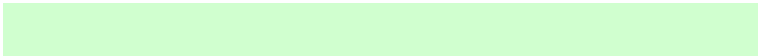


# Sweetspot

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



4CC647



D0FFCF



C6C047



638062



000000



808080



# Same Dimension

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



4CC647



42FF3B



47C680



5A635A



06A300



012400



# Inverse Universe

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



C147C6



F73BFF



C6478D



635A63



9D00A3



220024



# Previews

## White Background



This preview shows how the Hex color 4CC647 looks on a white background.

## Color Contrast Check

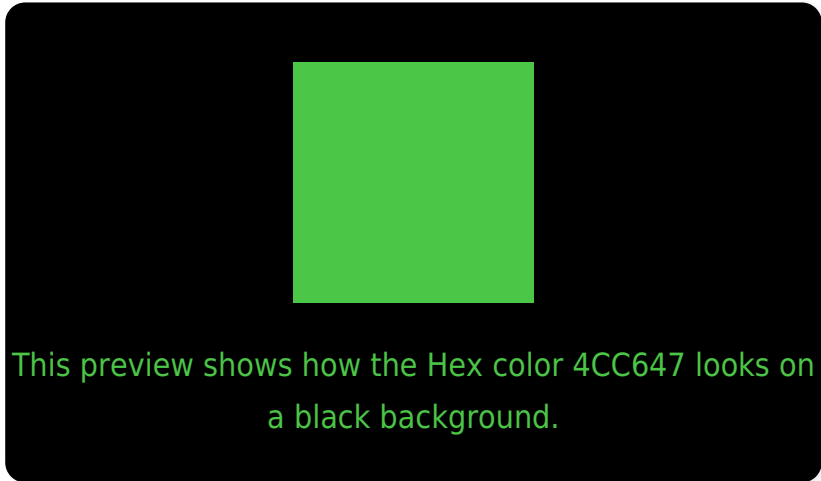
Large Text (above 18pt) WCAG AA × Fail

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

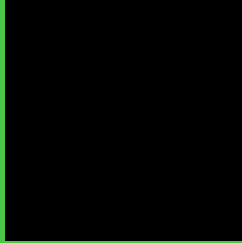
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CC647 Background



This preview shows how black text looks on a background with the Hex color 4CC647.

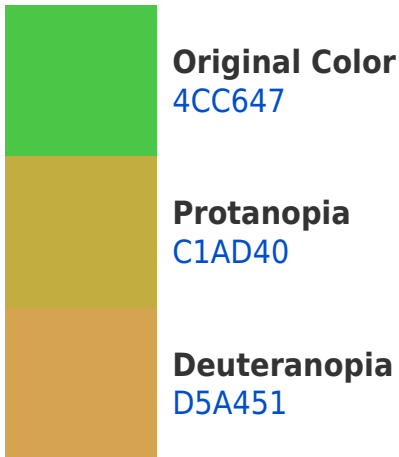


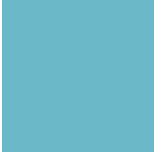
This preview shows how white text looks on a background with the Hex color 4CC647.

# 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**  
6BB9C8

# Trichromacy



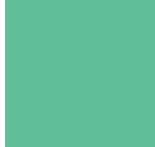
**Original Color**  
4CC647



**Protanomaly**  
96B643



**Deuteranomaly**  
A3B04D



**Tritanomaly**  
60BE99

# Monochromacy



**Original Color**  
4CC647



**Achromatopsia**  
939393



**Achromatomaly**  
79A677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CC647 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 #4CC647 looks like.

```
.text, #text, p{  
    color:#4CC647  
}
```

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 #4CC647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC647
}
```

## Border

The CSS property to change the border of an element to Hex 4CC647 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
#4CC647 }
```

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

```
.border{ border-color:#4CC647 }
```

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

Here you see how a box with a 4 pixel #4CC647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC647; -webkit-box-shadow:4px 4px  
4px 4px #4CC647; box-shadow:4px 4px 4px  
4px #4CC647 }
```

# Background

The CSS property to change the background color of an element to Hex 4CC647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC647 }
```

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

```
.background{ background-color:#4CC647 }
```

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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