

Converting Colors

Hex(4CC66F)

Have a look what the booklet for
Hex(4CC66F) contains.

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Color

Hex(4CC66F)

Conversions

Conversions Part 1

Format	Color
Hex	4CC66F
RGB	76, 198, 111
RGB Percent	30%, 78%, 44%
CMY	0.7020, 0.2235, 0.5647
CMYK	0.62, 0.00, 0.44, 0.22
HSL	137°, 52%, 54%
HSV	137°, 62%, 78%
XYZ	26.0438, 43.0724, 21.9801
YIQ	151.6040, -44.7850, -52.9210

Conversions

Conversions Part 2

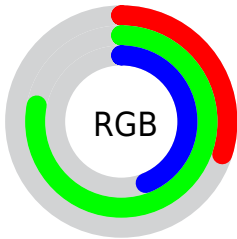
Format	Color
RYB	76, 171, 198
Decimal	5031535
CIELab	71.60, -52.85, 33.72
CIELCh	72, 62.687, 147.461
Yxy	43.0724, 0.2859, 0.4728
Android (android.graphics.Color)	4283221615 (0xFF4CC66F)
YUV	151.6040, -20.0178, -66.3047
Hunter-Lab	65.6295, -44.0174, 26.0838

Details

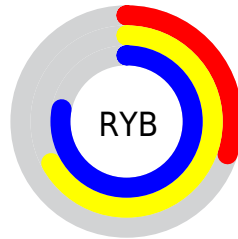
The Hex color **4CC66F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C64CA3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **88FFA4**, and **008F3D** is the 20% darker color. If you saturate the color by 10%, you get **38C661**, and if you desaturate by 10%, it is **60C67D**.

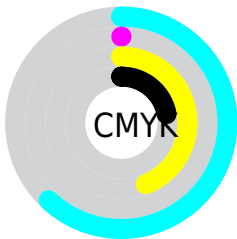
Distribution



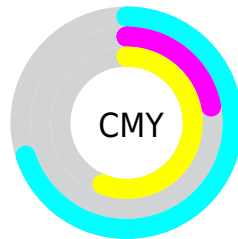
- Red (30%)
- Green (78%)
- Blue (44%)



- Red (30%)
- Yellow (67%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CC66F 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 4CC66F by changing the saturation by 10% instead.



4CC66F



4CC66F

FFFFFF



29AA56



88FFA4



008F3D



A5FFBF



007525



C3FFDB



005B0C



E0FFF8



004200

FEFFFF



002C00



000B00



000000



4CC66F



4CC66F

 38C661

 60C67D

 24C653

 74C68B

 11C645

 87C699

 00C639

 9BC6A7

 AFC6B6

 C3C6C4

 D7C6D2

 EAC6E0

 FEC6EE

Harmonies

Analogous

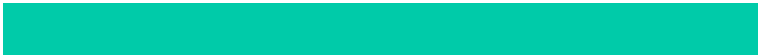
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ABC42



4CC66F



00CBA9

Triad

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



4CC66F



00B7FF



FF817E

Complementary

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



4CC66F



C64CA3

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.



FF7CB7



4CC66F



A9A2FF

Square

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



4CC66F



00C5FF



F08AEE



FE954F

Rectangle

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



4CC66F



00CBD0



F08AEE



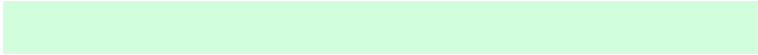
FF7D90

Sweetspot

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



4CC66F



D1FFDE



A3C64C



63806B



000000



808080

Same Dimension

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



4CC66F



42FF78



4CC6AC



5A635C



00A32F



00240A

Inverse Universe

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



C64CA3



FF42C9



C64C66



635A61



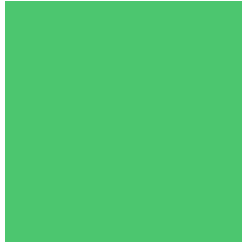
A30074



240019

Previews

White Background



This preview shows how the Hex color 4CC66F looks on a white background.

Color Contrast Check

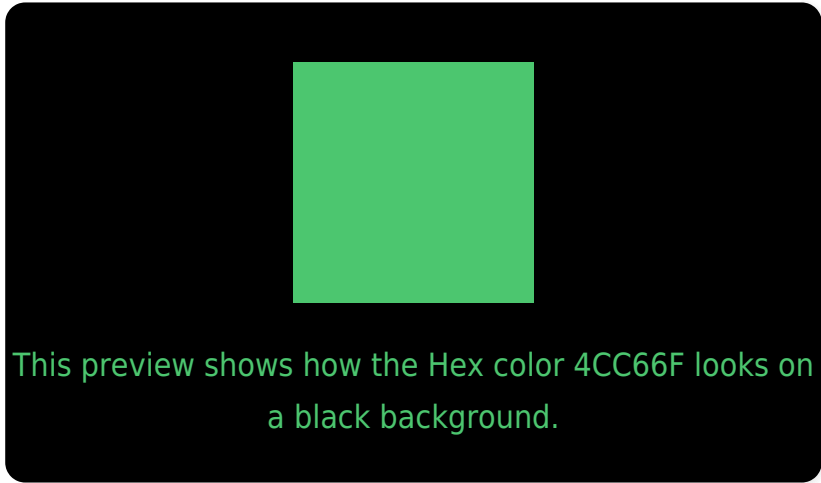
Large Text (above 18pt) WCAG AA × Fail

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

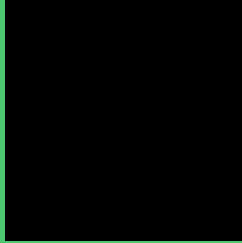
Any Text WCAG AA ✓ Pass

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 4CC66F Background



This preview shows how black text looks on a background with the Hex color 4CC66F.

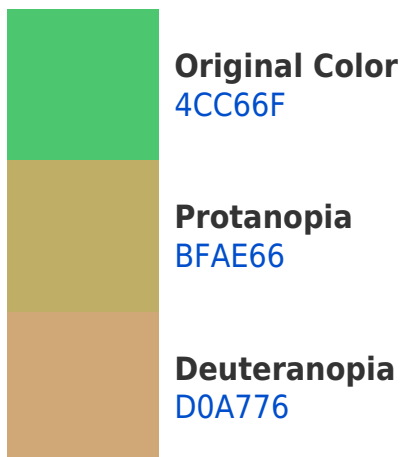


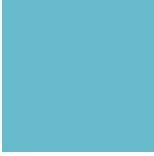
This preview shows how white text looks on a background with the Hex color 4CC66F.

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
67BBCB

Trichromacy



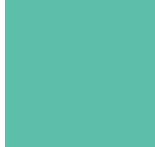
Original Color
4CC66F



Protanomaly
95B769



Deuteranomaly
A0B273



Tritanomaly
5DBFAA

Monochromacy



Original Color
4CC66F



Achromatopsia
989898



Achromatomaly
7CA989

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CC66F 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 #4CC66F looks like.

```
.text, #text, p{  
    color:#4CC66F  
}
```

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 #4CC66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC66F
}
```

Border

The CSS property to change the border of an element to Hex 4CC66F 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
#4CC66F }
```

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

```
.border{ border-color:#4CC66F }
```

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

Here you see how a box with a 4 pixel #4CC66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC66F; -webkit-box-shadow:4px 4px  
4px 4px #4CC66F; box-shadow:4px 4px 4px  
4px #4CC66F }
```

Background

The CSS property to change the background color of an element to Hex 4CC66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC66F }
```

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

```
.background{ background-color:#4CC66F }
```

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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