

Converting Colors

Hex(30CC4C)

Have a look what the booklet for
Hex(30CC4C) contains.

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Color

Hex(30CC4C)

Conversions

Conversions Part 1

Format	Color
Hex	30CC4C
RGB	48, 204, 76
RGB Percent	19%, 80%, 30%
CMY	0.8118, 0.2000, 0.7020
CMYK	0.76, 0.00, 0.63, 0.20
HSL	131°, 62%, 49%
HSV	131°, 76%, 80%
XYZ	24.1163, 44.3359, 14.1241
YIQ	142.7640, -51.8880, -72.8800

Conversions

Conversions Part 2

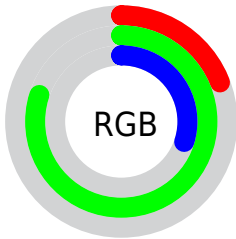
Format	Color
RYB	48, 180, 204
Decimal	3198028
CIELab	72.45, -64.72, 51.26
CIELCh	72, 82.563, 141.620
Yxy	44.3359, 0.2920, 0.5369
Android (android.graphics.Color)	4281388108 (0xFF30CC4C)
YUV	142.7640, -32.9147, -83.1080
Hunter-Lab	66.5852, -51.8738, 34.0330

Details

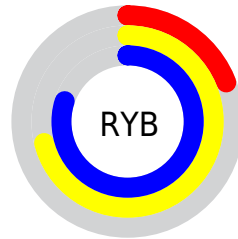
The Hex color **30CC4C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CC30B0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **77FF81**, and **009412** is the 20% darker color. If you saturate the color by 10%, you get **1CCC3B**, and if you desaturate by 10%, it is **44CC5D**.

Distribution



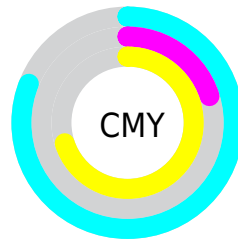
- Red (19%)
- Green (80%)
- Blue (30%)



- Red (19%)
- Yellow (71%)
- Blue (80%)



- Cyan (76%)
- Magenta (0%)
- Yellow (63%)
- Black (20%)



- Cyan (81%)
- Magenta (20%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30CC4C 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 30CC4C by changing the saturation by 10% instead.

 30CC4C

 30CC4C

FFFFFF

 00B031

 77FF81

 009412

 96FF9D

 007900

 B4FFB8

 005F00

 D3FFD5

 004600

 F2FFF2

 002E00

 001000

 000000

 30CC4C

 30CC4C

 1CCC3B

 44CC5D

 07CC2B

 59CC6D

 00CC25

 6DCC7E

 82CC8F

 96CCA0

 AACCB0

 BFCCC1

 D3CCD2

 E8CCE3

Harmonies

Analogous

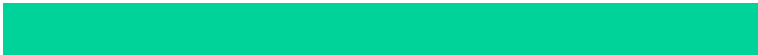
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0BE00



30CC4C



00D399

Triad

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



30CC4C



00C1FF



FF667F

Complementary

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



30CC4C



CC30B0

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.



FF63CA



30CC4C



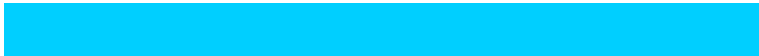
81A7FF

Square

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



30CC4C



00CFFF



F783FF



FF8639

Rectangle

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



30CC4C



00D4CE



F783FF



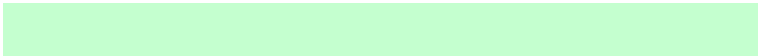
FF6198

Sweetspot

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



30CC4C



C4FFCF



B2CC30



5C8062



000000



808080

Same Dimension

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



30CC4C



14FF3F



30CC98



5C665E



00A61E



002607

Inverse Universe

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



CC30B0



FF14D5



CC3064



665C64



A60088



26001F

Previews

White Background



This preview shows how the Hex color 30CC4C looks on a white background.

Color Contrast Check

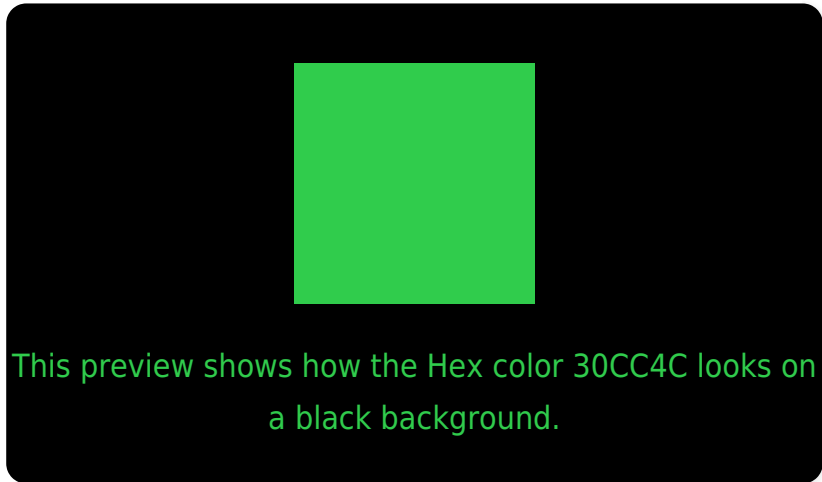
Large Text (above 18pt) WCAG AA × Fail

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 30CC4C Background



This preview shows how black text looks on a background with the Hex color 30CC4C.

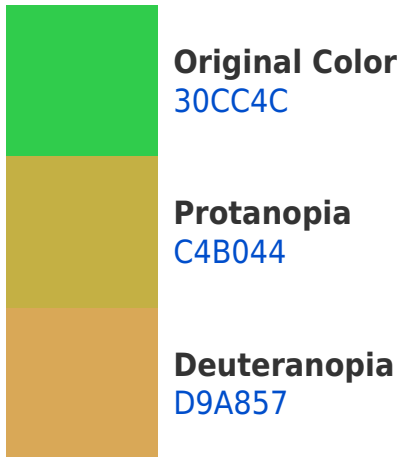


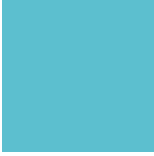
This preview shows how white text looks on a background with the Hex color 30CC4C.

Color Blindness Simulation

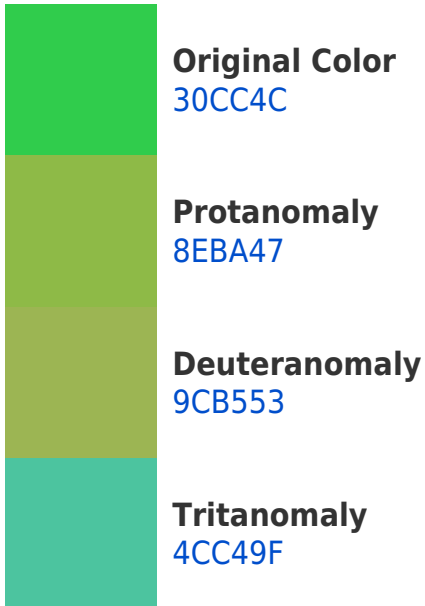
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

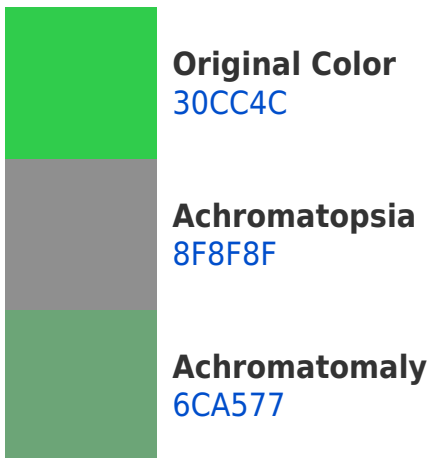




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30CC4C 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 #30CC4C looks like.

```
.text, #text, p{  
    color:#30CC4C  
}
```

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 #30CC4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30CC4C
}
```

Border

The CSS property to change the border of an element to Hex 30CC4C 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
#30CC4C }
```

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

```
.border{ border-color:#30CC4C }
```

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

Here you see how a box with a 4 pixel #30CC4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30CC4C; -webkit-box-shadow:4px 4px  
4px 4px #30CC4C; box-shadow:4px 4px 4px  
4px #30CC4C }
```

Background

The CSS property to change the background color of an element to Hex 30CC4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30CC4C }
```

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

```
.background{ background-color:#30CC4C }
```

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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