

Converting Colors

Hex(30F070)

Have a look what the booklet for
Hex(30F070) contains.

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Color

Hex(30F070)

Conversions

Conversions Part 1

Format	Color
Hex	30F070
RGB	48, 240, 112
RGB Percent	19%, 94%, 44%
CMY	0.8118, 0.0588, 0.5608
CMYK	0.80, 0.00, 0.53, 0.06
HSL	140°, 86%, 56%
HSV	140°, 80%, 94%
XYZ	35.3036, 64.1184, 25.8446
YIQ	168.0000, -73.3440, -80.5120

Conversions

Conversions Part 2

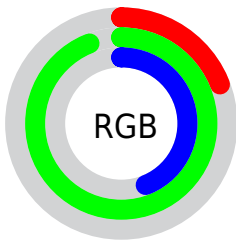
Format	Color
RYB	48, 192, 240
Decimal	3207280
CIELab	84.03, -71.74, 48.63
CIELCh	84, 86.666, 145.867
Yxy	64.1184, 0.2818, 0.5119
Android (android.graphics.Color)	4281397360 (0xFF30F070)
YUV	168.0000, -27.6080, -105.2400
Hunter-Lab	80.0740, -61.4310, 36.9154

Details

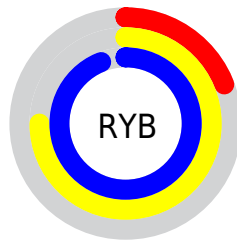
The Hex color **30F070** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **F030B0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7EFFA6**, and **00B63B** is the 20% darker color. If you saturate the color by 10%, you get **18F060**, and if you desaturate by 10%, it is **48F080**.

Distribution



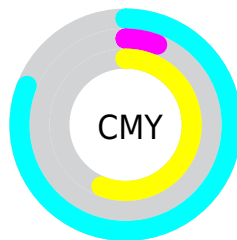
- Red (19%)
- Green (94%)
- Blue (44%)



- Red (19%)
- Yellow (75%)
- Blue (94%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (6%)



- Cyan (81%)
- Magenta (6%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30F070 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 30F070 by changing the saturation by 10% instead.

 30F070

 30F070

FFFFFF

 00D356

 7EFAA6

 00B63B

 9EFC2

 009A20

 BEFFDF

 007F00

 DEFFFC

 006500

 FDFFFF

 004B00

 003300

 001700

 000000

 30F070

 30F070

 18F060

 48F080

 00F050

 60F090

 78F0A0

 90F0B0

 A8F0C0

 C0F0D0

 D8F0E0

 F0F0F0

 FFF0FF

Harmonies

Analogous

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



B4E222



30F070



00F7C3

Triad

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



30F070



00DFFF



FF878F

Complementary

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



30F070



F030B0

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.



FF7FE0



30F070



BAC1FF

Square

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



30F070



00F0FF



FF9BFF



FFA947

Rectangle

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



30F070



00F8FC



FF9BFF



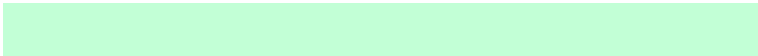
FF81AA

Sweetspot

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



30F070



C2FFD6



B0F030



5B8067



000000



808080

Same Dimension

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



30F070



0AFF5C



30F0D0



6C7870



00B83D



003813

Inverse Universe

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



F030B0



FF0AAD



F03050



786C74



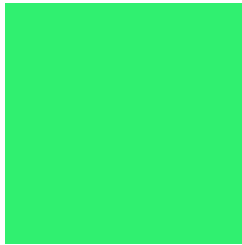
B8007A



380025

Previews

White Background



This preview shows how the Hex color 30F070 looks on a white background.

Color Contrast Check

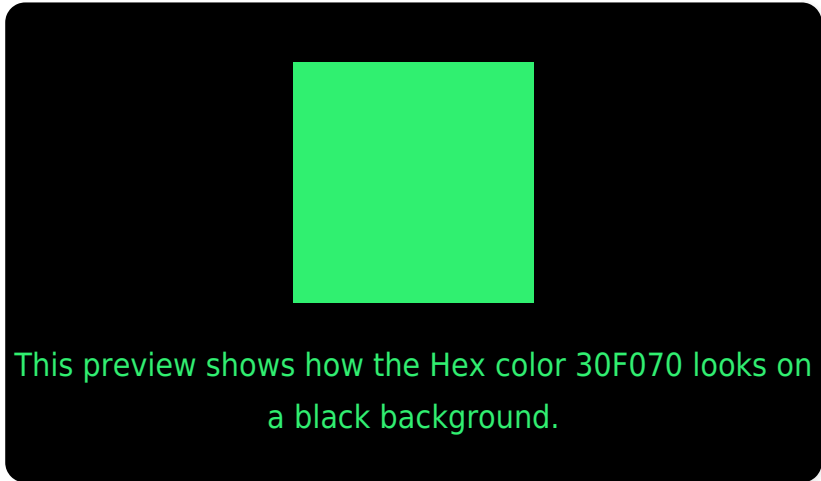
Large Text (above 18pt) WCAG AA × Fail

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

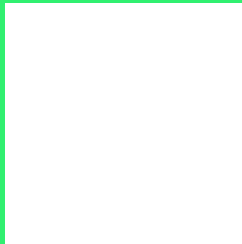
Any Text WCAG AAA ✓ Pass

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

Hex 30F070 Background



This preview shows how black text looks on a background with the Hex color 30F070.

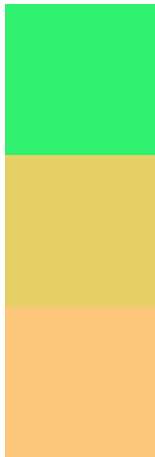


This preview shows how white text looks on a background with the Hex color 30F070.

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](#).

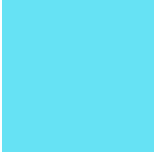
Dichromacy



Original Color
30F070

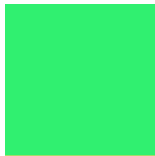
Protanopia
E6D065

Deuteranopia
FCC67B



Tritanopia
66E2F4

Trichromacy



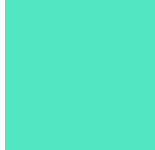
Original Color
30F070



Protanomaly
A4DC69



Deuteranomaly
B2D577



Tritanomaly
52E7C4

Monochromacy



Original Color
30F070



Achromatopsia
A8A8A8



Achromatomaly
7CC294

CSS Examples

Text

The CSS property to change the color of the text to Hex 30F070 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 #30F070 looks like.

```
.text, #text, p{  
    color:#30F070  
}
```

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 #30F070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30F070
}
```

Border

The CSS property to change the border of an element to Hex 30F070 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
#30F070 }
```

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

```
.border{ border-color:#30F070 }
```

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

Here you see how a box with a 4 pixel #30F070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30F070; -webkit-box-shadow:4px 4px  
4px 4px #30F070; box-shadow:4px 4px 4px  
4px #30F070 }
```

Background

The CSS property to change the background color of an element to Hex 30F070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30F070 }
```

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

```
.background{ background-color:#30F070 }
```

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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