

Converting Colors

Hex(30F696)

Have a look what the booklet for
Hex(30F696) contains.

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Color

Hex(30F696)

Conversions

Conversions Part 1

Format	Color
Hex	30F696
RGB	48, 246, 150
RGB Percent	19%, 96%, 59%
CMY	0.8118, 0.0353, 0.4118
CMYK	0.80, 0.00, 0.39, 0.04
HSL	151°, 92%, 58%
HSV	151°, 80%, 96%
XYZ	39.6797, 68.7419, 40.0313
YIQ	175.8540, -87.1920, -71.8320

Conversions

Conversions Part 2

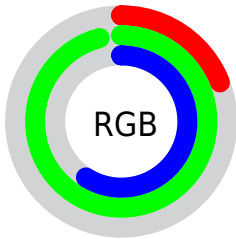
Format	Color
RYB	48, 179, 246
Decimal	3208854
CIELab	86.38, -67.58, 33.23
CIELCh	86, 75.314, 153.815
Yxy	68.7419, 0.2673, 0.4631
Android (android.graphics.Color)	4281398934 (0xFF30F696)
YUV	175.8540, -12.7460, -112.1280
Hunter-Lab	82.9107, -59.6667, 29.4109

Details

The Hex color **30F696** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F63090**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7FF6CD**, and **00BC62** is the 20% darker color. If you saturate the color by 10%, you get **17F68A**, and if you desaturate by 10%, it is **49F6A2**.

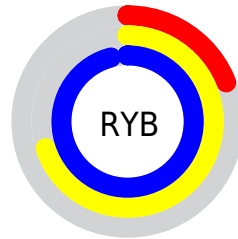
Distribution



Red (19%)

Green (96%)

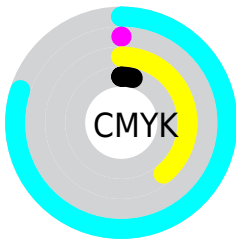
Blue (59%)



Red (19%)

Yellow (70%)

Blue (96%)

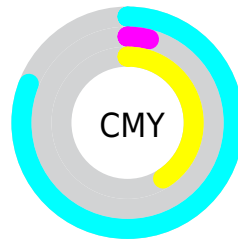


Cyan (80%)

Magenta (0%)

Yellow (39%)

Black (4%)



Cyan (81%)

Magenta (4%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30F696 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 30F696 by changing the saturation by 10% instead.

 30F696

 30F696

FFFFFF

 00D97C


 7FF6CD

 00BC62

 9FFFE9

 00A049

 BFFFFFF

 008531

 DFFFFFF

 006A19

FEFFFF

 005000

 003800

 001E00

 000000

 30F696

 30F696

 17F68A

 49F6A2

 00F67F

 61F6AE

 7AF6BA

 92F6C6

 ABF6D2

 C4F6DE

 DCF6E9

 F5F6F5

 FFF6FF

Harmonies

Analogous

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



ACEB59



30F696



00FBDF

Triad

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



30F696



40DDFF



FFA28D

Complementary

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



30F696



F63090

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.



FF96D2



30F696



E7C1FF

Square

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



30F696



00F0FF



FFA4FF



FFBD55

Rectangle

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



30F696



00FAFF



FFA4FF



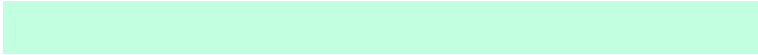
FF9BA3

Sweetspot

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



30F696



C2FFE1



93F630



5B806E



000000



808080

Same Dimension

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



30F696



08FF87



30F6F6



6E7A74



00BA60



003B1E

Inverse Universe

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



F63090



FF0880



F63030



7A6E74



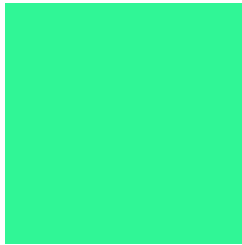
BA005A



3B001C

Previews

White Background



This preview shows how the Hex color 30F696 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



This preview shows how the Hex color 30F696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

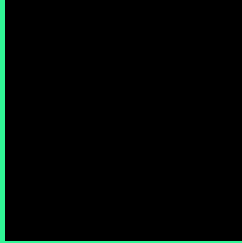
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

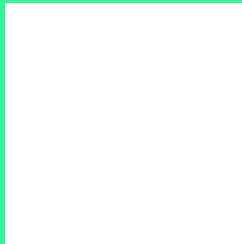
Any Text WCAG AAA ✓ Pass

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

Hex 30F696 Background



This preview shows how black text looks on a background with the Hex color 30F696.

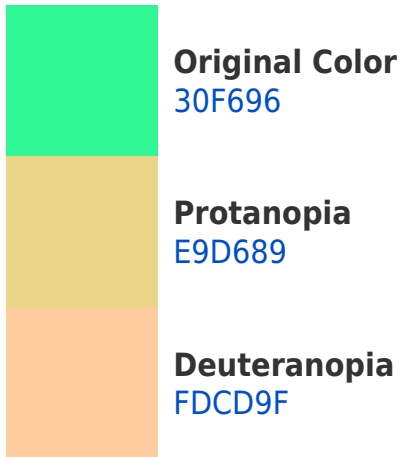


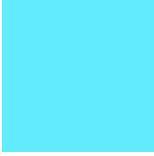
This preview shows how white text looks on a background with the Hex color 30F696.

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
62EAFD

Trichromacy



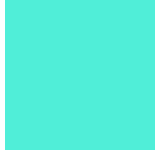
Original Color
30F696



Protanomaly
A6E28E



Deuteranomaly
B2DC9C

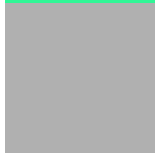


Tritanomaly
50EED8

Monochromacy



Original Color
30F696



Achromatopsia
B0B0B0



Achromatomaly
81C9A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 30F696 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 #30F696 looks like.

```
.text, #text, p{  
    color:#30F696  
}
```

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 #30F696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30F696
}
```

Border

The CSS property to change the border of an element to Hex 30F696 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
#30F696 }
```

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

```
.border{ border-color:#30F696 }
```

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

Here you see how a box with a 4 pixel #30F696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30F696; -webkit-box-shadow:4px 4px  
4px 4px #30F696; box-shadow:4px 4px 4px  
4px #30F696 }
```

Background

The CSS property to change the background color of an element to Hex 30F696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30F696 }
```

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

```
.background{ background-color:#30F696 }
```

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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