

# Converting Colors

Hex(30FFFF)

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

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# **Color**

**Hex(30FFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30FFFF
RGB	48, 255, 255
RGB Percent	19%, 100%, 100%
CMY	0.8118, 0.0000, 0.0000
CMYK	0.81, 0.00, 0.00, 0.00
HSL	180°, 100%, 59%
HSV	180°, 81%, 100%
XYZ	55.0289, 79.3684, 107.0270
YIQ	193.1070, -123.3720, -43.8840

# Conversions

## Conversions Part 2

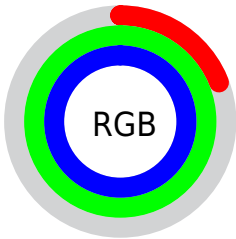
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 152, 255
Decimal	3211263
CIE <sub>Lab</sub>	91.40, -46.20, -13.68
CIE <sub>LCh</sub>	91, 48.188, 196.497
Yxy	79.3684, 0.2279, 0.3288
Android (android.graphics.Color)	4281401343 (0xFF30FFFF)
YUV	193.1070, 30.5132, -127.2588
Hunter-Lab	89.0889, -45.6488, -8.8658

# Details

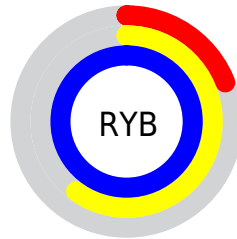
The Hex color **30FFFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3030**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **85FFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **17FFFF**, and if you desaturate by 10%, it is **4AFFFF**.

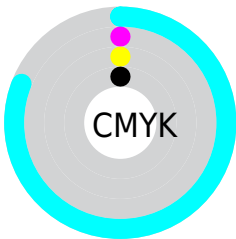
# Distribution



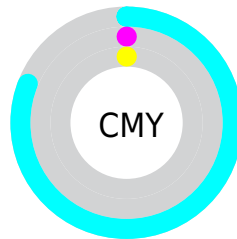
- Red (19%)
- Green (100%)
- Blue (100%)



- Red (19%)
- Yellow (60%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 30FFFF

 30FFFF

FFFFFF

 00E2E2


 85FFFF

 00C5C6

 A8FFFF

 00AAAB

 C9FFFF

 008F91

 E9FFFF

 007477

 005B5E

 004247

 002C30


 000B1C

 30FFFF

 30FFFF

 17FFFF

 4AFFFF

 00FFFF

 63FFFF

 7DFFFF

 96FFFF

 B0FFFF

 C9FFFF

 E3FFFF

 FCFFFF

FFFFFF

# Harmonies

## Analogous

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



7BFECF



30FFFF



1DFBFF

# Triad

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



30FFFF



FFD1FF



FFDC8C

# Complementary

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



30FFFF



FF3030

# 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.



FFCDA5



30FFFF



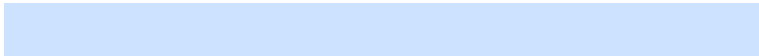
FFC5FD

# Square

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



30FFFF



CDE2FF



FFC3CE



EBEC8C

# Rectangle

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



30FFFF



5FF5FF



FFC3CE



FFD792



# Sweetspot

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



30FFFF



C2FFFF



30FF30



5B8080



000000



808080



# Same Dimension

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



30FFFF



08FFFF



3098FF



738080



00BFBF



004040



# Inverse Universe

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



FF30FF



FF08FF



FF9830



807380



BF00BF

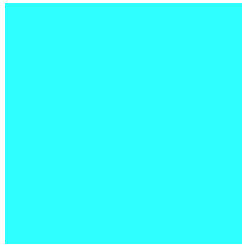


400040



# Previews

## White Background



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

## Color Contrast Check

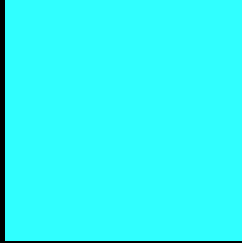
Large Text (above 18pt) WCAG AA × Fail

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 30FFFF 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

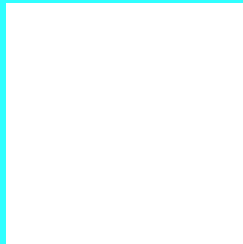
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30FFFF Background



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



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

# 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**  
A0F2FF

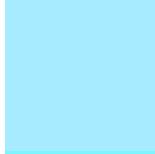
# Trichromacy



**Original Color**  
30FFFF



**Protanomaly**  
A3EDF4



**Deuteranomaly**  
A6EBFF

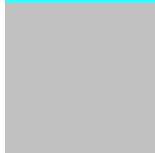


**Tritanomaly**  
77F7FF

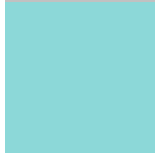
# Monochromacy



**Original Color**  
30FFFF



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
8CD8D8

# CSS Examples

## Text

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

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

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 #30FFFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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