

Converting Colors

Hex(36FFFF)

Have a look what the booklet for
Hex(36FFFF) contains.

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Color

Hex(36FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	36FFFF
RGB	54, 255, 255
RGB Percent	21%, 100%, 100%
CMY	0.7882, 0.0000, 0.0000
CMYK	0.79, 0.00, 0.00, 0.00
HSL	180°, 100%, 61%
HSV	180°, 79%, 100%
XYZ	55.3313, 79.5243, 107.0412
YIQ	194.9010, -119.7960, -42.6120

Conversions

Conversions Part 2

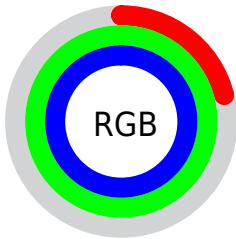
Format	Color
R _Y B	54, 155, 255
Decimal	3604479
CIE Lab	91.47, -45.75, -13.57
CIE LCh	91, 47.716, 196.524
Yxy	79.5243, 0.2287, 0.3288
Android (android.graphics.Color)	4281794559 (0xFF36FFFF)
YUV	194.9010, 29.6288, -123.5702
Hunter-Lab	89.1764, -45.3047, -8.7442

Details

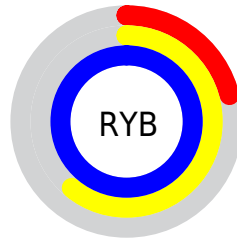
The Hex color **36FFFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3636**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **88FFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **1CFFFF**, and if you desaturate by 10%, it is **50FFFF**.

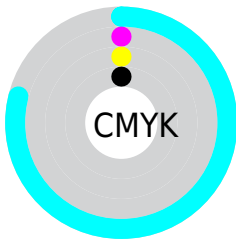
Distribution



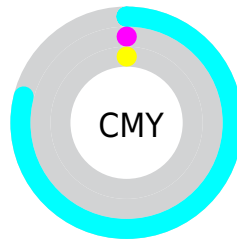
- Red (21%)
- Green (100%)
- Blue (100%)



- Red (21%)
- Yellow (61%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FFFF 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 36FFFF by changing the saturation by 10% instead.

 36FFFF

 36FFFF

FFFFFF

 00E2E2


 88FFFF

 00C5C6

 AAFFFF

 00AAAB

 CBFFFF

 008F91

 EBFFFF

 007477

 005B5E

 004247

 002C30

 000C1C

 36FFFF

 36FFFF

 1CFFFF

 50FFFF

 03FFFF

 69FFFF

 00FFFF

 83FFFF

 9CFFFF

 B5FFFF

 CFFFFFF

 E9FFFF

FFFFFF

Harmonies

Analogous

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



7DFED0



36FFFF



27FBFF

Triad

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



36FFFF



FFD2FF



FFDD8E

Complementary

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



36FFFF



FF3636

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.



FFCDA6



36FFFF



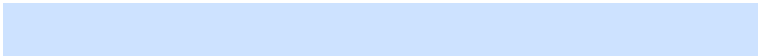
FFC5FD

Square

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



36FFFF



CDE2FF



FFC4CF



EBEC8D

Rectangle

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



36FFFF



62F5FF



FFC4CF



FFD793

Sweetspot

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



36FFFF



C2FFFF



36FF36



5B8080



000000



808080

Same Dimension

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



36FFFF



0DFFFF



369BFF



738080



00BFBF



004040

Inverse Universe

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



FF36FF



FF0DFF



FF9B36



807380



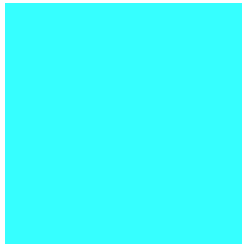
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 36FFFF looks on a white background.

Color Contrast Check

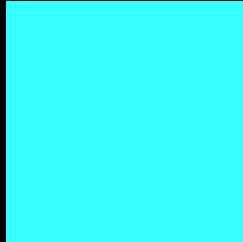
Large Text (above 18pt) WCAG AA × Fail

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 36FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

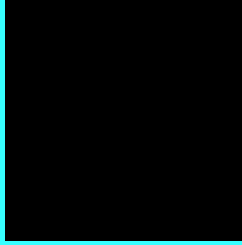
Any Text WCAG AA ✓ Pass

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 36FFFF Background



This preview shows how black text looks on a background with the Hex color 36FFFF.

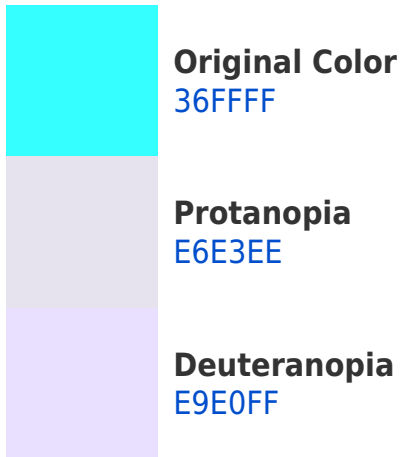


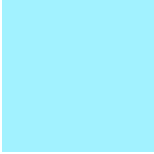
This preview shows how white text looks on a background with the Hex color 36FFFF.

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](#).

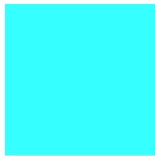
Dichromacy





Tritanopia
A2F2FF

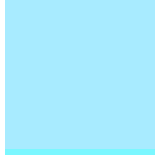
Trichromacy



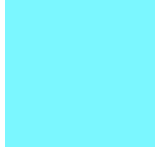
Original Color
36FFFF



Protanomaly
A6EDF4



Deuteranomaly
A8EBFF

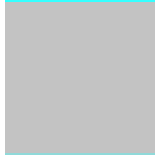


Tritanomaly
7BF7FF

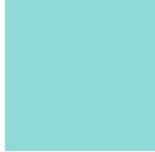
Monochromacy



Original Color
36FFFF



Achromatopsia
C3C3C3



Achromatomaly
90D9D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FFFF 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 #36FFFF looks like.

```
.text, #text, p{  
    color:#36FFFF  
}
```

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 #36FFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FFFF
}
```

Border

The CSS property to change the border of an element to Hex 36FFFF 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
#36FFFF }
```

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

```
.border{ border-color:#36FFFF }
```

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

Here you see how a box with a 4 pixel #36FFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FFFF; -webkit-box-shadow:4px 4px  
4px 4px #36FFFF; box-shadow:4px 4px 4px  
4px #36FFFF }
```

Background

The CSS property to change the background color of an element to Hex 36FFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FFFF }
```

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

```
.background{ background-color:#36FFFF }
```

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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