

Converting Colors

Hex(3366FF)

Have a look what the booklet for
Hex(3366FF) contains.

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Color

Hex(3366FF)

Conversions

Conversions Part 1

Format	Color
Hex	3366FF
RGB	51, 102, 255
RGB Percent	20%, 40%, 100%
CMY	0.8000, 0.6000, 0.0000
CMYK	0.80, 0.60, 0.00, 0.00
HSL	225°, 100%, 60%
HSV	225°, 80%, 100%
XYZ	24.1666, 17.4265, 96.6977
YIQ	104.1930, -79.5090, 36.7710

Conversions

Conversions Part 2

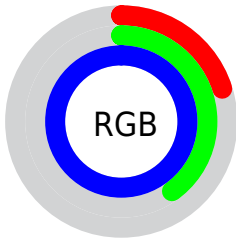
Format	Color
RYB	51, 92, 255
Decimal	3368703
CIELab	48.79, 37.48, -80.53
CIELCh	49, 88.824, 294.957
Yxy	17.4265, 0.1748, 0.1260
Android (android.graphics.Color)	4281558783 (0xFF3366FF)
YUV	104.1930, 74.3479, -46.6503
Hunter-Lab	41.7451, 30.2812, -108.1168

Details

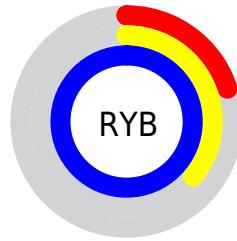
The Hex color **3366FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFCC33**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8199FF**, and **0038C5** is the 20% darker color. If you saturate the color by 10%, you get **1953FF**, and if you desaturate by 10%, it is **4D79FF**.

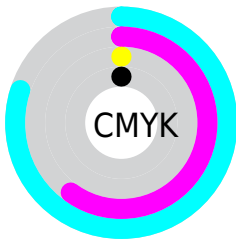
Distribution



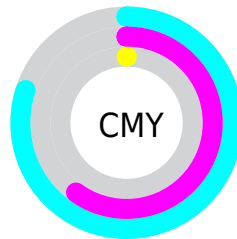
- Red (20%)
- Green (40%)
- Blue (100%)



- Red (20%)
- Yellow (36%)
- Blue (100%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3366FF 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 3366FF by changing the saturation by 10% instead.

 3366FF

 3366FF

FFFFFF

 004EE2

 8199FF

 0038C5

 A2B3FF

 0024A9

 C2CFFF

 00138E

 E2EBFF

 000073

 000D59

 000741

 00032A

 000114

 3366FF

 3366FF

 1953FF

 4D79FF

 0040FF

 668CFF

 809FFF

 99B3FF

 B3C6FF

 CCD9FF

 E6ECFF

FFFFFF

Harmonies

Analogous

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



0082FF



3366FF



BE30CC

Triad

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



3366FF



CE4600



009164

Complementary

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



3366FF



FFCC33

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.



008C01



3366FF



986D00

Square

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



3366FF



EE003B



508200



0092B2

Rectangle

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



3366FF



E3009D



508200



00904A

Sweetspot

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



3366FF



C2D1FF



33FFCC



5B6480



000000



808080

Same Dimension

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



3366FF



0A47FF



6633FF



737680



0030BF



001040

Inverse Universe

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



FF3366



FF0A47



CCFF33



807376



BF0030



400010

Previews

White Background



This preview shows how the Hex color 3366FF looks on a white background.

Color Contrast Check

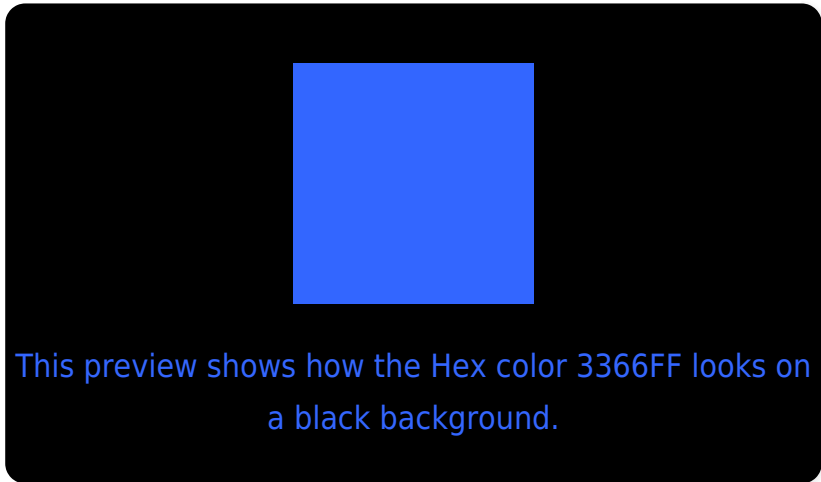
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

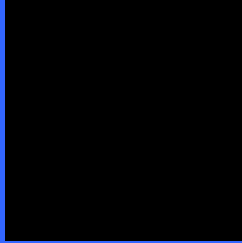
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3366FF Background



This preview shows how black text looks on a background with the Hex color 3366FF.

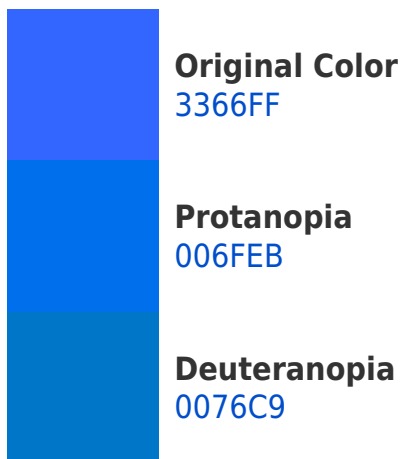


This preview shows how white text looks on a background with the Hex color 3366FF.

Color Blindness Simulation

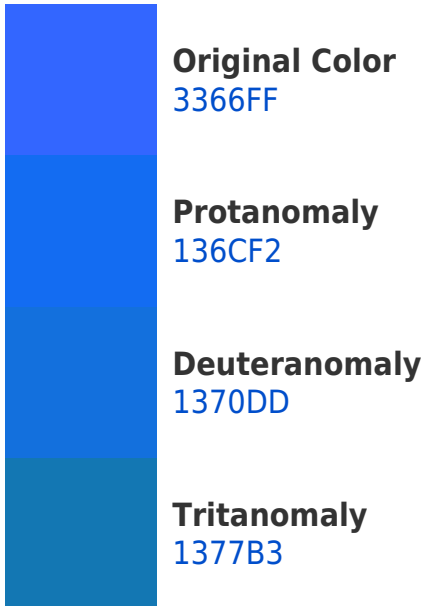
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3366FF 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 #3366FF looks like.

```
.text, #text, p{  
  color:#3366FF  
}
```

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 #3366FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3366FF
}
```

Border

The CSS property to change the border of an element to Hex 3366FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

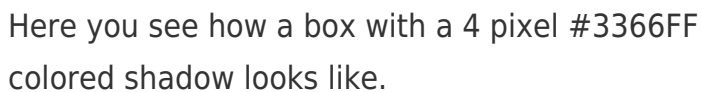
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3366FF }
```

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

```
.border{ border-color:#3366FF }
```

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



Here you see how a box with a 4 pixel #3366FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3366FF; -webkit-box-shadow:4px 4px  
4px 4px #3366FF; box-shadow:4px 4px 4px  
4px #3366FF }
```

Background

The CSS property to change the background color of an element to Hex 3366FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3366FF }
```

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

```
.background{ background-color:#3366FF }
```

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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