

Converting Colors

Hex(3293FF)

Have a look what the booklet for
Hex(3293FF) contains.

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Color

Hex(3293FF)

Conversions

Conversions Part 1

Format	Color
Hex	3293FF
RGB	50, 147, 255
RGB Percent	20%, 58%, 100%
CMY	0.8039, 0.4235, 0.0000
CMYK	0.80, 0.42, 0.00, 0.00
HSL	212°, 100%, 60%
HSV	212°, 80%, 100%
XYZ	29.7991, 28.7655, 98.5895
YIQ	130.3090, -92.4800, 13.0240

Conversions

Conversions Part 2

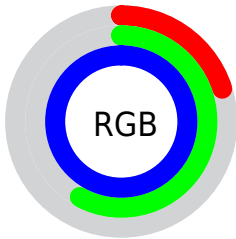
Format	Color
R _Y B	50, 116, 255
Decimal	3314687
CIE Lab	60.57, 9.61, -61.46
CIE LCh	61, 62.210, 278.886
Yxy	28.7655, 0.1896, 0.1830
Android (android.graphics.Color)	4281504767 (0xFF3293FF)
YUV	130.3090, 61.4727, -70.4310
Hunter-Lab	53.6335, 5.3170, -71.4438

Details

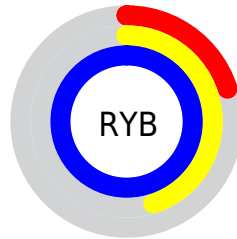
The Hex color **3293FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FF9E32**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7FC8FF**, and **0061C6** is the 20% darker color. If you saturate the color by 10%, you get **1886FF**, and if you desaturate by 10%, it is **4CA0FF**.

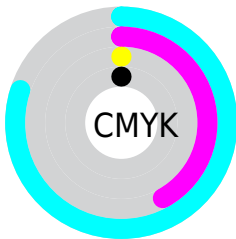
Distribution



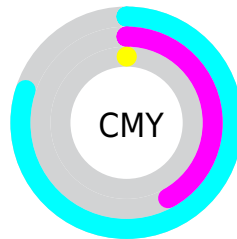
- Red (20%)
- Green (58%)
- Blue (100%)



- Red (20%)
- Yellow (45%)
- Blue (100%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3293FF 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 3293FF by changing the saturation by 10% instead.

 3293FF

 3293FF

FFFFFF

 007AE2

 7FC8FF

 0061C6

 9FE4FF

 004AAA

 BFFFFFF

 00358F

 DFFFFFF

 002174

FEFFFF

 00085B

 000743

 00032C

 000116

■ 3293FF

■ 3293FF

■ 1886FF

■ 4CA0FF

■ 0079FF

■ 65AEFF

■ 7FBBFF

■ 98C9FF

■ B2D6FF

■ CBE4FF

■ E5F1FF

FEFEFF

FFFFFF

Harmonies

Analogous

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



00A3F8



3293FF



A97CE8

Triad

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



3293FF



EC6A50



00A968

Complementary

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



3293FF



FF9E32

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.



63A235



3293FF



CD8125

Square

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



3293FF



F55C84



9F9511



00ACA1

Rectangle

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



3293FF



D26CCC



9F9511



1EA756

Sweetspot

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



3293FF



C2DFFF



32FF9C



5B6C80



000000



808080

Same Dimension

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



3293FF



0A7EFF



3532FF



737980



005ABF



001E40

Inverse Universe

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



FF3293



FF0A7E



FCFF32



807379



BF005A



40001E

Previews

White Background



This preview shows how the Hex color 3293FF looks on a white background.

Color Contrast Check

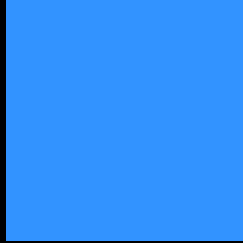
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3293FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

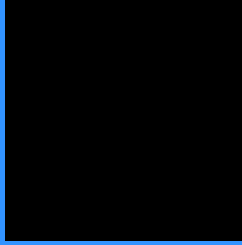
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

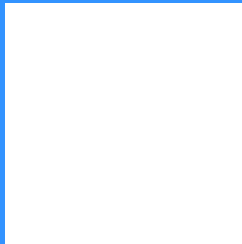
Any Text WCAG AAA × Fail

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

Hex 3293FF Background



This preview shows how black text looks on a background with the Hex color 3293FF.

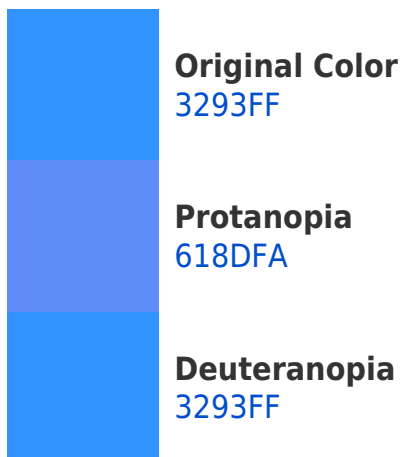


This preview shows how white text looks on a background with the Hex color 3293FF.

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](#).

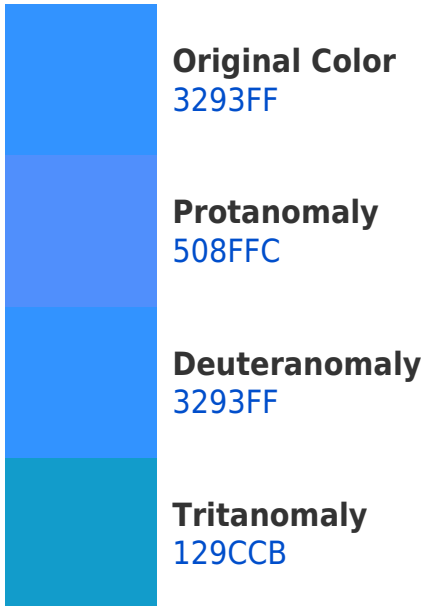
Dichromacy





Tritanopia
00A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3293FF 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 #3293FF looks like.

```
.text, #text, p{  
    color:#3293FF  
}
```

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 #3293FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3293FF
}
```

Border

The CSS property to change the border of an element to Hex 3293FF 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
#3293FF }
```

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

```
.border{ border-color:#3293FF }
```

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

Here you see how a box with a 4 pixel #3293FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3293FF; -webkit-box-shadow:4px 4px  
4px 4px #3293FF; box-shadow:4px 4px 4px  
4px #3293FF }
```

Background

The CSS property to change the background color of an element to Hex 3293FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3293FF }
```

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

```
.background{ background-color:#3293FF }
```

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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