

# Converting Colors

Hex(3279FF)

Have a look what the booklet for  
Hex(3279FF) contains.

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# Color

**Hex(3279FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3279FF
RGB	50, 121, 255
RGB Percent	20%, 47%, 100%
CMY	0.8039, 0.5255, 0.0000
CMYK	0.80, 0.53, 0.00, 0.00
HSL	219°, 100%, 60%
HSV	219°, 80%, 100%
XYZ	26.2028, 21.5729, 97.3907
YIQ	115.0470, -85.3300, 26.6220

# Conversions

## Conversions Part 2

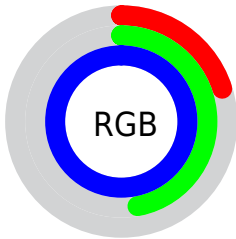
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 103, 255
Decimal	3308031
CIE <sub>Lab</sub>	53.57, 25.54, -72.75
CIE <sub>LCh</sub>	54, 77.104, 289.346
Y <sub>xy</sub>	21.5729, 0.1805, 0.1486
Android (android.graphics.Color)	4281498111 (0xFF3279FF)
Y <sub>UV</sub>	115.0470, 68.9968, -57.0462
Hunter-Lab	46.4466, 19.4190, -91.8086

# Details

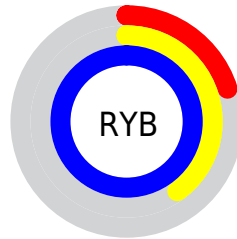
The Hex color **3279FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFB832**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **80ADFF**, and **004AC5** is the 20% darker color. If you saturate the color by 10%, you get **1868FF**, and if you desaturate by 10%, it is **4C8AFF**.

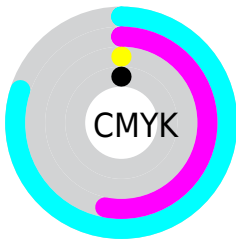
# Distribution



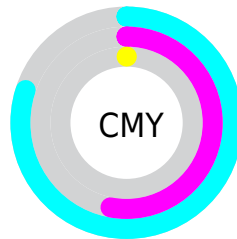
- Red (20%)
- Green (47%)
- Blue (100%)



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



- Cyan (80%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3279FF 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 3279FF by changing the saturation by 10% instead.



 3279FF

 3279FF

FFFFFF

 0061E2

 80ADFF

 004AC5

 A0C8FF

 0034A9

 C0E4FF

 00218E

 E0FFFF

 000E74

 000D5A

 000742

 00032A

 000115

 3279FF

 3279FF

 1868FF

 4C8AFF

 0058FF

 659AFF

 7FABFF

 98BCFF

 B2CCFF

 CBDDFF

 E5EEFF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



008FFF



3279FF



B656D8

# Triad

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



3279FF



DB5515



009B65

# Complementary

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



3279FF



FFB832

# 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.



00961B



3279FF



AF7500

# Square

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



3279FF



F22F59



738A00



009DAA

# Rectangle

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



3279FF



DD3BB0



738A00



009A4E



# Sweetspot

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



3279FF



C2D7FF



32FFB7



5B6780



000000



808080



# Same Dimension

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



3279FF



0A5FFF



5132FF



737780



0042BF



001640



# Inverse Universe

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



FF3279



FF0A5F



E0FF32



807377



BF0042



400016



# Previews

## White Background



This preview shows how the Hex color 3279FF 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 3279FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

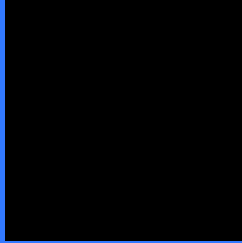
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

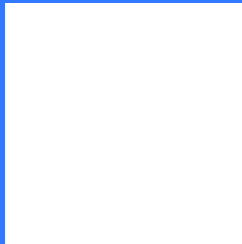
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3279FF Background



This preview shows how black text looks on a background with the Hex color 3279FF.

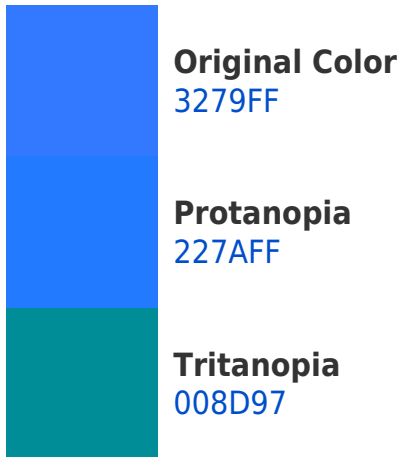


This preview shows how white text looks on a background with the Hex color 3279FF.

# 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



**Original Color**  
3279FF

**Protanomaly**  
287AFF

**Tritanomaly**  
1286BD

# Monochromacy



**Original Color**  
3279FF

**Achromatopsia**  
737373

**Achromatomaly**  
5B75A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3279FF 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 #3279FF looks like.

```
.text, #text, p{  
    color:#3279FF  
}
```

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 #3279FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3279FF
}
```

## Border

The CSS property to change the border of an element to Hex 3279FF 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
#3279FF }
```

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

```
.border{ border-color:#3279FF }
```

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

Here you see how a box with a 4 pixel #3279FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3279FF; -webkit-box-shadow:4px 4px  
4px 4px #3279FF; box-shadow:4px 4px 4px  
4px #3279FF }
```

# Background

The CSS property to change the background color of an element to Hex 3279FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3279FF }
```

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

```
.background{ background-color:#3279FF }
```

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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