

# Converting Colors

Hex(329FFB)

Have a look what the booklet for  
Hex(329FFB) contains.

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# **Color**

**Hex(329FFB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	329FFB
RGB	50, 159, 251
RGB Percent	20%, 62%, 98%
CMY	0.8039, 0.3765, 0.0157
CMYK	0.80, 0.37, 0.00, 0.02
HSL	207°, 96%, 59%
HSV	207°, 80%, 98%
XYZ	31.1261, 32.4394, 95.8877
YIQ	136.8970, -94.4960, 5.5040

# Conversions

## Conversions Part 2

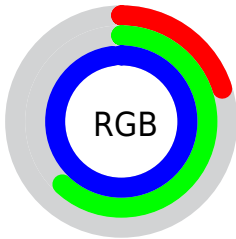
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 121, 251
Decimal	3317755
CIE <sub>Lab</sub>	63.70, 1.09, -54.28
CIE <sub>LCh</sub>	64, 54.293, 271.147
Yxy	32.4394, 0.1952, 0.2034
Android (android.graphics.Color)	4281507835 (0xFF329FFB)
YUV	136.8970, 56.2528, -76.2087
Hunter-Lab	56.9556, -2.1225, -59.9488

# Details

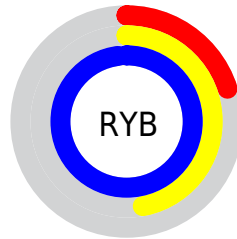
The Hex color **329FFB** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FB8E32**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7ED5FF**, and **006CC2** is the 20% darker color. If you saturate the color by 10%, you get **1994FB**, and if you desaturate by 10%, it is **4BAAF8**.

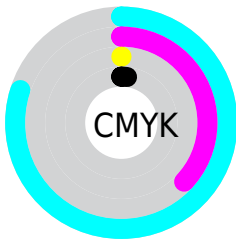
# Distribution



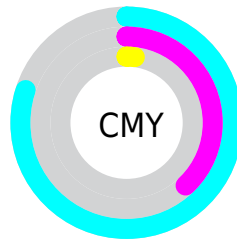
- Red (20%)
- Green (62%)
- Blue (98%)



- Red (20%)
- Yellow (47%)
- Blue (98%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (80%)
- Magenta (38%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 329FFB 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 329FFB by changing the saturation by 10% instead.



 329FFB

 329FFB

FFFFFF

 0085DE

 7ED5FF

 006CC2

 9EF2FF

 0054A6

 BEFFFF

 003E8B

 DDFFFF

 002971

 FDFFFF

 001558

 000740

 000329

 000113

■ 329FFB

■ 329FFB

■ 1994FB

■ 4BAAF8

■ 0088FB

■ 64B6FB

■ 7DC1FB

■ 96CDFB

■ AFD8FB

■ C9E4FB

■ E2EFFB

■ FBF8FB

■ FFFFFB

# Harmonies

## Analogous

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



00ABEE



329FFB



9E8DED

# Triad

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



329FFB



F0756B



3DAE6A

# Complementary

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



329FFB



FB8E32

# 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.



82A643



329FFB



DA8645

# Square

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



329FFB



F16F9A



B39833



00B29B

# Rectangle

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



329FFB



C87FD8



B39833



59AC5B

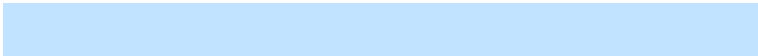


# Sweetspot

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



329FFB



C2E3FF



32FB8C



5B6F80



000000



808080

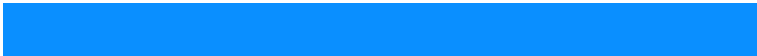


# Same Dimension

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



329FFB



0A8FFF



323CFB



70777D



0066BD



00213D



# Inverse Universe

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



FB329F



FF0A8F



FBF132



7D7077



BD0066



3D0021



# Previews

## White Background



This preview shows how the Hex color 329FFB looks on a white background.

## Color Contrast Check

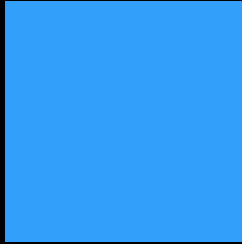
Large Text (above 18pt) WCAG AA × Fail

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 329FFB 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

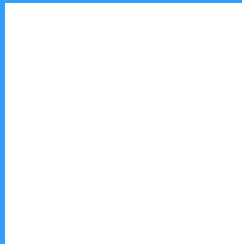
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 329FFB Background



This preview shows how black text looks on a background with the Hex color 329FFB.



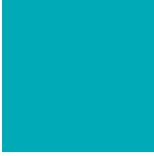
This preview shows how white text looks on a background with the Hex color 329FFB.

# 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](#).

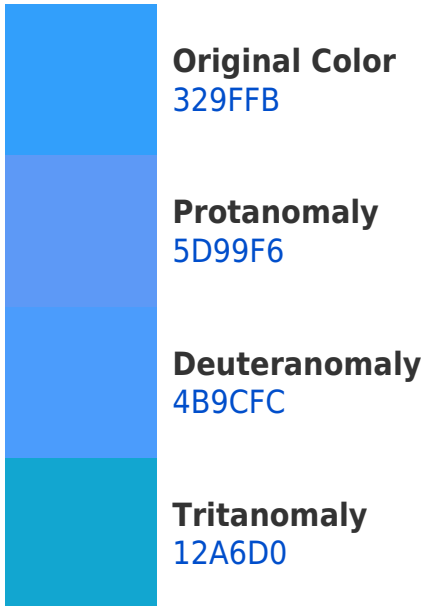
## Dichromacy





**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 329FFB 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 #329FFB looks like.

```
.text, #text, p{  
    color:#329FFB  
}
```

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 #329FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329FFB
}
```

## Border

The CSS property to change the border of an element to Hex 329FFB 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
#329FFB }
```

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

```
.border{ border-color:#329FFB }
```

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

Here you see how a box with a 4 pixel #329FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329FFB; -webkit-box-shadow:4px 4px  
4px 4px #329FFB; box-shadow:4px 4px 4px  
4px #329FFB }
```

# Background

The CSS property to change the background color of an element to Hex 329FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329FFB }
```

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

```
.background{ background-color:#329FFB }
```

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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