

# Converting Colors

Hex(327CFC)

Have a look what the booklet for  
Hex(327CFC) contains.

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# Color

Hex(327CFC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	327CFC
RGB	50, 124, 252
RGB Percent	20%, 49%, 99%
CMY	0.8039, 0.5137, 0.0118
CMYK	0.80, 0.51, 0.00, 0.01
HSL	218°, 97%, 59%
HSV	218°, 80%, 99%
XYZ	26.0937, 22.1217, 94.9901
YIQ	116.4660, -85.1920, 24.1200

# Conversions

## Conversions Part 2

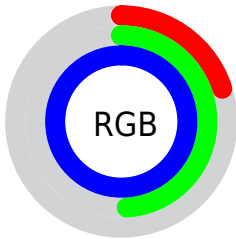
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 104, 252
Decimal	3308796
CIE Lab	54.16, 22.57, -70.15
CIE LCh	54, 73.687, 287.835
Yxy	22.1217, 0.1822, 0.1545
Android (android.graphics.Color)	4281498876 (0xFF327CFC)
YUV	116.4660, 66.8183, -58.2907
Hunter-Lab	47.0337, 16.7207, -86.8195

# Details

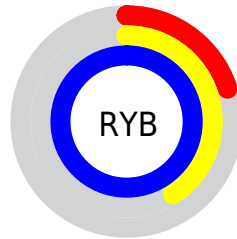
The Hex color **327CFC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FCB232**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7FB0FF**, and **004CC2** is the 20% darker color. If you saturate the color by 10%, you get **196CFC**, and if you desaturate by 10%, it is **4B8CFC**.

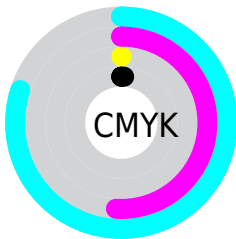
# Distribution



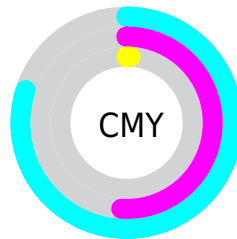
- Red (20%)
- Green (49%)
- Blue (99%)



- Red (20%)
- Yellow (41%)
- Blue (99%)



- Cyan (80%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (80%)
- Magenta (51%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 327CFC 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 327CFC by changing the saturation by 10% instead.



 327CFC

 327CFC

FFFFFF

 0064DF

 7FB0FF

 004CC2

 9FCBFF

 0037A7

 BFE7FF

 00238B

 DFFFFF

 001171

FEFFFF

 000C58

 00063F

 000328

 000112

■ 327CFC

■ 327CFC

■ 196CFC

■ 4B8CFC

■ 005CFC

■ 649CFC

■ 7EACFC

■ 97BCFC

■ B0CCFC

■ C9DCFC

■ E2ECFC

■ FCFCFC

FFFFFC

# Harmonies

## Analogous

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



0091FF



327CFC



B25CD8

# Triad

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



327CFC



DC5721



009C64

# Complementary

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



327CFC



FCB232

# 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.



19961F



327CFC



B27500

# Square

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



327CFC



F0385F



798A00



009DA7

# Rectangle

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



327CFC



D944B3



798A00



009A4E



# Sweetspot

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



327CFC



C2D8FF



32FCB2



5B6880



000000



808080



# Same Dimension

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



327CFC



0A64FF



4D32FC



70757D



0045BD



00163D



# Inverse Universe

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



FC327C



FF0A64



E1FC32



7D7075



BD0045



3D0016



# Previews

## White Background



This preview shows how the Hex color 327CFC looks on a white background.

## Color Contrast Check

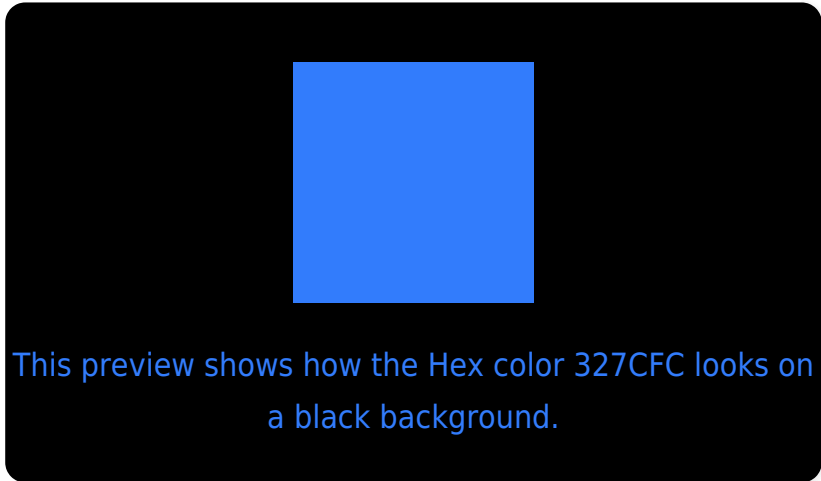
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

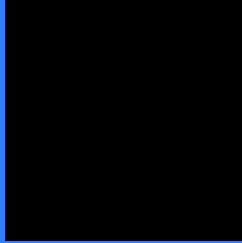
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

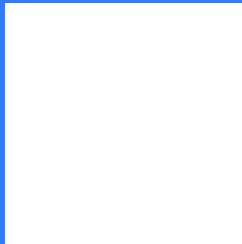
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 327CFC Background



This preview shows how black text looks on a background with the Hex color 327CFC.



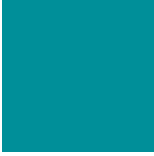
This preview shows how white text looks on a background with the Hex color 327CFC.

# 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](#).

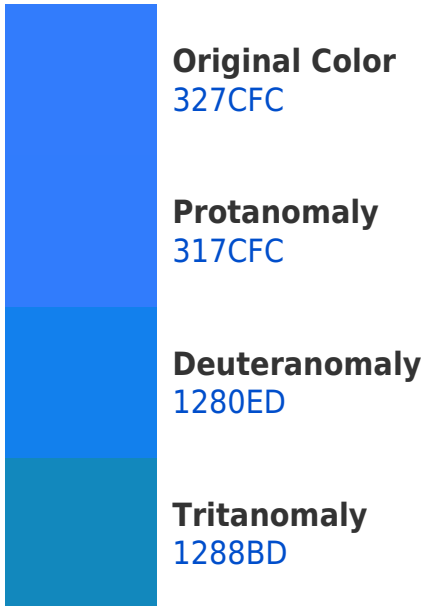
## Dichromacy



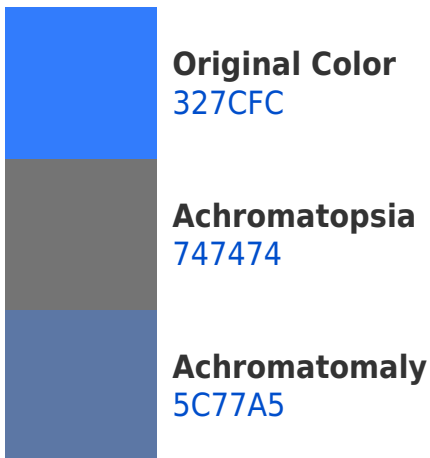


**Tritanopia**  
008F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 327CFC 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 #327CFC looks like.

```
.text, #text, p{  
    color:#327CFC  
}
```

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 #327CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327CFC
}
```

## Border

The CSS property to change the border of an element to Hex 327CFC 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
#327CFC }
```

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

```
.border{ border-color:#327CFC }
```

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

Here you see how a box with a 4 pixel #327CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327CFC; -webkit-box-shadow:4px 4px  
4px 4px #327CFC; box-shadow:4px 4px 4px  
4px #327CFC }
```

# Background

The CSS property to change the background color of an element to Hex 327CFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327CFC }
```

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

```
.background{ background-color:#327CFC }
```

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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