

Converting Colors

Hex(3309F6)

Have a look what the booklet for
Hex(3309F6) contains.

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Color

Hex(3309F6)

Conversions

Conversions Part 1

Format	Color
Hex	3309F6
RGB	51, 9, 246
RGB Percent	20%, 4%, 96%
CMY	0.8000, 0.9647, 0.0353
CMYK	0.79, 0.96, 0.00, 0.04
HSL	251°, 93%, 50%
HSV	251°, 96%, 96%
XYZ	18.0975, 7.5530, 87.6928
YIQ	48.5760, -51.0450, 82.6110

Conversions

Conversions Part 2

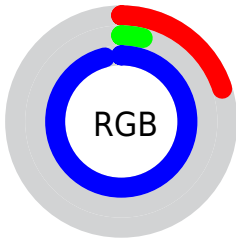
Format	Color
R _Y B	51, 9, 246
Decimal	3344886
CIE Lab	33.03, 76.30, -101.54
CIE LCh	33, 127.008, 306.921
Yxy	7.5530, 0.1597, 0.0666
Android (android.graphics.Color)	4281534966 (0xFF3309F6)
YUV	48.5760, 97.3300, 2.1258
Hunter-Lab	27.4827, 69.4482, -169.9466

Details

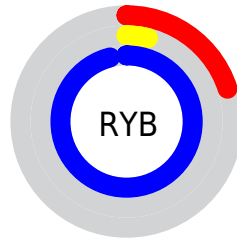
The Hex color **3309F6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **CCF609**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **854BFF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **2C00F6**, and if you desaturate by 10%, it is **4722F6**.

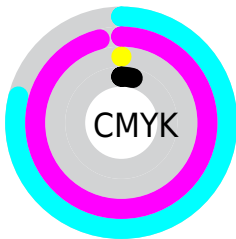
Distribution



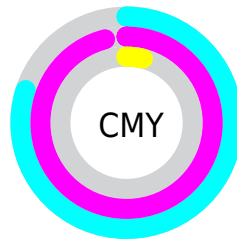
- Red (20%)
- Green (4%)
- Blue (96%)



- Red (20%)
- Yellow (4%)
- Blue (96%)



- Cyan (79%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)



- Cyan (80%)
- Magenta (96%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3309F6 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 3309F6 by changing the saturation by 10% instead.

■ 3309F6

■ 3309F6

FFFFFF

■ 0000D9

■ 854BFF

■ 0000BC

■ A767FF

■ 0000A0

■ C882FF

■ 000084

■ E99EFF

■ 000F6A

■ FFBAFF

■ 000A50

■ FFD7FF

■ 000538

■ FFF5FF

■ 000222

■ 000008

■ 3309F6

■ 3309F6

■ 2C00F6

■ 4722F6

■ 5B3AF6

■ 7053F6

■ 846BF6

■ 9884F6

■ AC9DF6

■ C1B5F6

■ D5CEF6

■ E9E6F6

Harmonies

Analogous

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



005DFF



3309F6



CA009F

Triad

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



3309F6



9A1A00



006A64

Complementary

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



3309F6



CCF609

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.



006700



3309F6



4B5300

Square

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



3309F6



D10000



006300



006EC9

Rectangle

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



3309F6



E5005D



006300



006941

Sweetspot

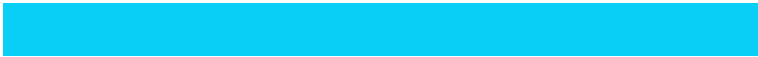
The Sweet Spot groups the original color and five complimentary colors.



3309F6



C2B5FF



09CEF6



5B5380



000000



808080

Same Dimension

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



3309F6



2D00FF



A709F6



706E7A



2100BA



0A003B

Inverse Universe

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



F609CC



FF00D2



58F609



7A6E78



BA0099



3B0030

Previews

White Background



This preview shows how the Hex color 3309F6 looks on a white background.

Color Contrast Check

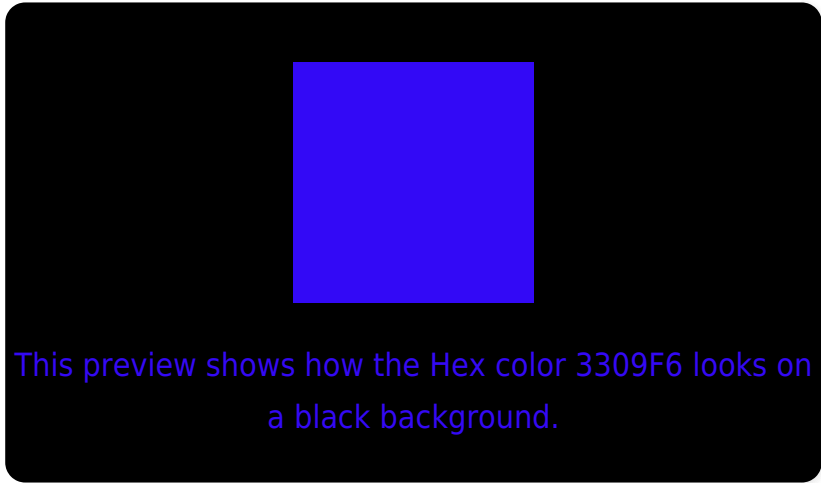
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 3309F6 Background



This preview shows how black text looks on a background with the Hex color 3309F6.



This preview shows how white text looks on a background with the Hex color 3309F6.

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



Original Color
3309F6

Protanopia
004B9E

Deuteranopia
005086



Tritanopia
00565B

Trichromacy



Original Color
3309F6

Protanomaly
1333BE

Deuteranomaly
1336AF

Tritanomaly
133A93

Monochromacy



Original Color
3309F6

Achromatopsia
313131

Achromatomaly
322279

CSS Examples

Text

The CSS property to change the color of the text to Hex 3309F6 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 #3309F6 looks like.

```
.text, #text, p{  
    color:#3309F6  
}
```

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 #3309F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3309F6
}
```

Border

The CSS property to change the border of an element to Hex 3309F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

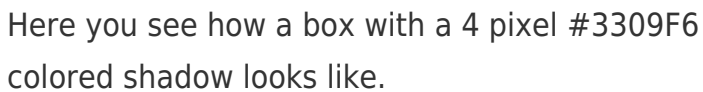
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3309F6 }
```

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

```
.border{ border-color:#3309F6 }
```

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



Here you see how a box with a 4 pixel #3309F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3309F6; -webkit-box-shadow:4px 4px  
4px 4px #3309F6; box-shadow:4px 4px 4px  
4px #3309F6 }
```

Background

The CSS property to change the background color of an element to Hex 3309F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3309F6 }
```

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

```
.background{ background-color:#3309F6 }
```

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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