

Converting Colors

Hex(3108FF)

Have a look what the booklet for
Hex(3108FF) contains.

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Color

Hex(3108FF)

Conversions

Conversions Part 1

Format	Color
Hex	3108FF
RGB	49, 8, 255
RGB Percent	19%, 3%, 100%
CMY	0.8078, 0.9686, 0.0000
CMYK	0.81, 0.97, 0.00, 0.00
HSL	250°, 100%, 52%
HSV	250°, 97%, 100%
XYZ	19.4035, 8.0466, 95.1382
YIQ	48.4170, -54.8510, 85.5090

Conversions

Conversions Part 2

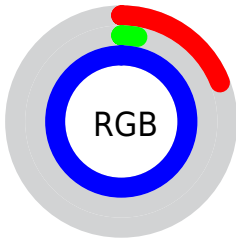
Format	Color
R _Y B	49, 8, 255
Decimal	3213567
CIE Lab	34.08, 78.55, -104.86
CIE LCh	34, 131.015, 306.836
Yxy	8.0466, 0.1583, 0.0656
Android (android.graphics.Color)	4281403647 (0xFF3108FF)
YUV	48.4170, 101.8454, 0.5113
Hunter-Lab	28.3666, 72.4569, -178.9951

Details

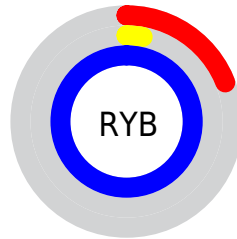
The Hex color **3108FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **D6FF08**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **864CFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **2A00FF**, and if you desaturate by 10%, it is **4621FF**.

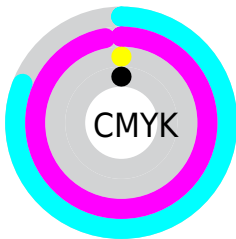
Distribution



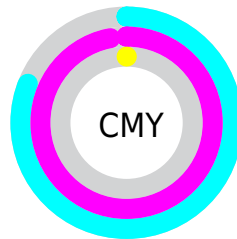
- Red (19%)
- Green (3%)
- Blue (100%)



- Red (19%)
- Yellow (3%)
- Blue (100%)



- Cyan (81%)
- Magenta (97%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (97%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3108FF 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 3108FF by changing the saturation by 10% instead.

 3108FF	 3108FF
 FFFFFFFF	 0000E1
 864CFF	 0000C4
 A968FF	 0000A8
 CA83FF	 00008C
 EB9FFF	 000D71
 FFBCFF	 000C58
 FFD9FF	 00073F
 FFF6FF	 000329
	 000112

 3108FF

 3108FF

 2A00FF

 4621FF

 5C3BFF

 7155FF

 866EFF

 9B88FF

 B1A1FF

 C6BBFF

 DBD4FF

 F0EEFF

Harmonies

Analogous

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



0060FF



3108FF



D100A5

Triad

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



3108FF



9F1A00



006D67

Complementary

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



3108FF



D6FF08

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.



006A00



3108FF



4D5500

Square

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



3108FF



D80000



006600



0071D0

Rectangle

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



3108FF



ED0061



006600



006C42

Sweetspot

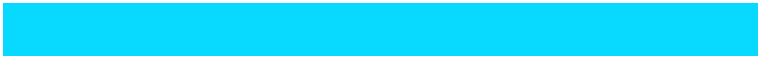
The Sweet Spot groups the original color and five complimentary colors.



3108FF



C1B5FF



08DAFF



5A5380



000000



808080

Same Dimension

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



3108FF



2A00FF



A908FF



757380



2000BF



0B0040

Inverse Universe

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



FF08D6



FF00D5



5EFF08



80737D



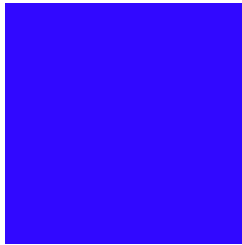
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 3108FF looks on a white background.

Color Contrast Check

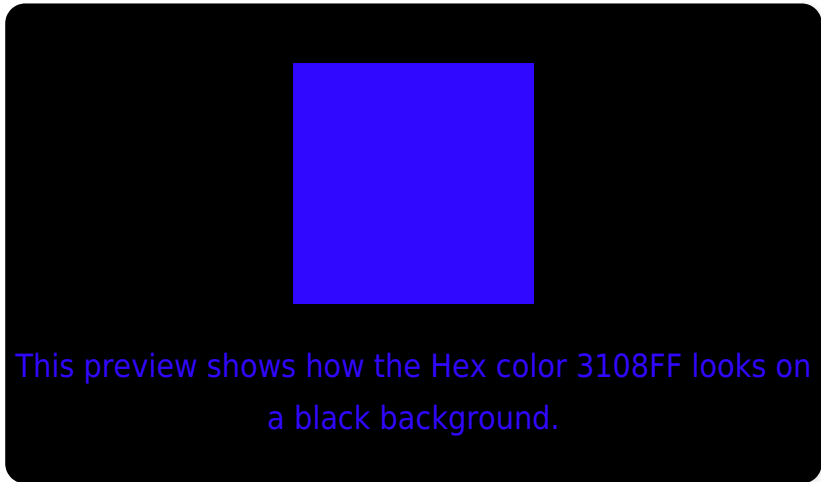
Large Text (above 18pt) WCAG AA ✓ Pass

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

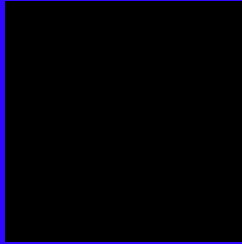
Any Text WCAG AA × Fail

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 3108FF Background



This preview shows how black text looks on a background with the Hex color 3108FF.



This preview shows how white text looks on a background with the Hex color 3108FF.

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
3108FF

Protanopia
004DA2

Deuteranopia
005389



Tritanopia
00595D

Trichromacy



Original Color
3108FF

Protanomaly
1234C4

Deuteranomaly
1238B4

Tritanomaly
123C98

Monochromacy



Original Color
3108FF

Achromatopsia
303030

Achromatomaly
30217B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3108FF 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 #3108FF looks like.

```
.text, #text, p{  
    color:#3108FF  
}
```

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 #3108FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3108FF
}
```

Border

The CSS property to change the border of an element to Hex 3108FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

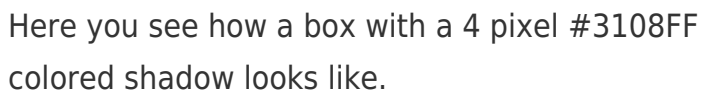
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3108FF }
```

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

```
.border{ border-color:#3108FF }
```

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



Here you see how a box with a 4 pixel #3108FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3108FF; -webkit-box-shadow:4px 4px  
4px 4px #3108FF; box-shadow:4px 4px 4px  
4px #3108FF }
```

Background

The CSS property to change the background color of an element to Hex 3108FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3108FF }
```

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

```
.background{ background-color:#3108FF }
```

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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