

Converting Colors

Hex(4308F2)

Have a look what the booklet for
Hex(4308F2) contains.

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Color

Hex(4308F2)

Conversions

Conversions Part 1

Format	Color
Hex	4308F2
RGB	67, 8, 242
RGB Percent	26%, 3%, 95%
CMY	0.7373, 0.9686, 0.0510
CMYK	0.72, 0.97, 0.00, 0.05
HSL	255°, 94%, 49%
HSV	255°, 97%, 95%
XYZ	18.4286, 7.7778, 84.5344
YIQ	52.3170, -39.9500, 85.2820

Conversions

Conversions Part 2

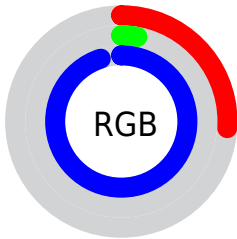
Format	Color
RYB	67, 8, 242
Decimal	4393202
CIELab	33.52, 75.96, -98.45
CIELCh	34, 124.346, 307.655
Yxy	7.7778, 0.1664, 0.0702
Android (android.graphics.Color)	4282583282 (0xFF4308F2)
YUV	52.3170, 93.5137, 12.8770
Hunter-Lab	27.8886, 69.1462, -160.1942

Details

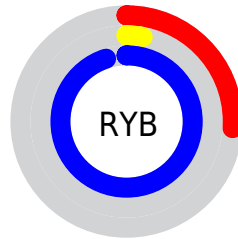
The Hex color **4308F2** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B7F208**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8E4CFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **3D00F2**, and if you desaturate by 10%, it is **5520F2**.

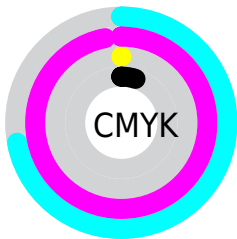
Distribution



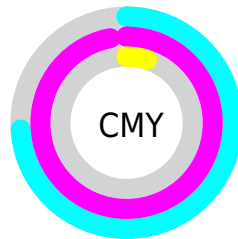
- Red (26%)
- Green (3%)
- Blue (95%)



- Red (26%)
- Yellow (3%)
- Blue (95%)



- Cyan (72%)
- Magenta (97%)
- Yellow (0%)
- Black (5%)



- Cyan (74%)
- Magenta (97%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4308F2 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 4308F2 by changing the saturation by 10% instead.

4308F2

4308F2

FFFFFF

0000D5

8E4CFF

0000B8

AF68FF

00009C

CF83FF

000081

EF9FFF

000D66

FFBBFF

000A4D

FFD8FF

000535

FFF6FF

00021F

000003

■ 4308F2

■ 4308F2

■ 3D00F2

■ 5520F2

■ 6738F2

■ 7951F2

■ 8B69F2

■ 9D81F2

■ B099F2

■ C2B1F2

■ D4CAF2

■ E6E2F2

Harmonies

Analogous

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



005CFF



4308F2



CB009D

Triad

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



4308F2



992100



006B67

Complementary

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



4308F2



B7F208

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.



006800



4308F2



4A5400

Square

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



4308F2



D00000



006400



006FCA

Rectangle

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



4308F2



E4005C



006400



006A45

Sweetspot

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



4308F2



C8B5FF



08B7F2



5E5380



000000



808080

Same Dimension

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



4308F2



4000FF



B708F2



6F6C78



2E00B8



0E0038

Inverse Universe

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



F208B7



FF00BF



42F208



786C75



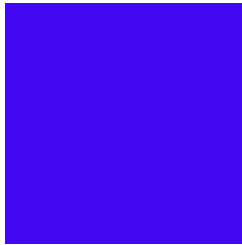
B80089



38002A

Previews

White Background



This preview shows how the Hex color 4308F2 looks on a white background.

Color Contrast Check

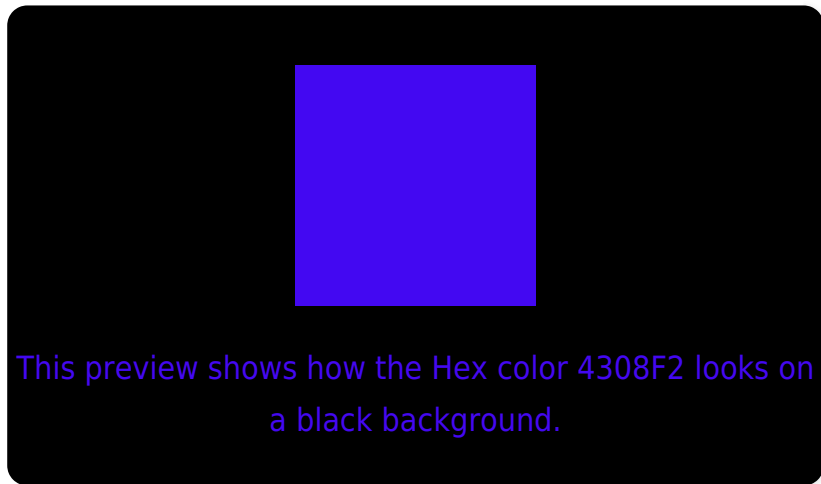
Large Text (above 18pt) WCAG AA ✓ Pass

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 4308F2 Background



This preview shows how black text looks on a background with the Hex color 4308F2.



This preview shows how white text looks on a background with the Hex color 4308F2.

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
4308F2

Protanopia
004CA0

Deuteranopia
005288



Tritanopia
00585D

Trichromacy



Original Color
4308F2

Protanomaly
1833BE

Deuteranomaly
1837AF

Tritanomaly
183B93

Monochromacy



Original Color
4308F2

Achromatopsia
343434

Achromatomaly
392479

CSS Examples

Text

The CSS property to change the color of the text to Hex 4308F2 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 #4308F2 looks like.

```
.text, #text, p{  
    color:#4308F2  
}
```

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 #4308F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4308F2
}
```

Border

The CSS property to change the border of an element to Hex 4308F2 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
#4308F2 }
```

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

```
.border{ border-color:#4308F2 }
```

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

Here you see how a box with a 4 pixel #4308F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4308F2; -webkit-box-shadow:4px 4px  
4px 4px #4308F2; box-shadow:4px 4px 4px  
4px #4308F2 }
```

Background

The CSS property to change the background color of an element to Hex 4308F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4308F2 }
```

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

```
.background{ background-color:#4308F2 }
```

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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