

Converting Colors

Hex(4607F2)

Have a look what the booklet for
Hex(4607F2) contains.

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Color

Hex(4607F2)

Conversions

Conversions Part 1

Format	Color
Hex	4607F2
RGB	70, 7, 242
RGB Percent	27%, 3%, 95%
CMY	0.7255, 0.9725, 0.0510
CMYK	0.71, 0.97, 0.00, 0.05
HSL	256°, 94%, 49%
HSV	256°, 97%, 95%
XYZ	18.6288, 7.8649, 84.5406
YIQ	52.6270, -37.8870, 86.4410

Conversions

Conversions Part 2

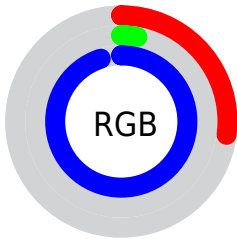
Format	Color
R _{YB}	70, 7, 242
Decimal	4589554
CIE Lab	33.70, 76.21, -98.13
CIE LCh	34, 124.252, 307.834
Yxy	7.8649, 0.1678, 0.0708
Android (android.graphics.Color)	4282779634 (0xFF4607F2)
YUV	52.6270, 93.3609, 15.2361
Hunter-Lab	28.0443, 69.4931, -159.1007

Details

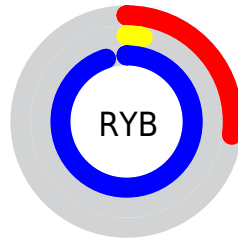
The Hex color **4607F2** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B3F207**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **904CFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **4100F2**, and if you desaturate by 10%, it is **581FF2**.

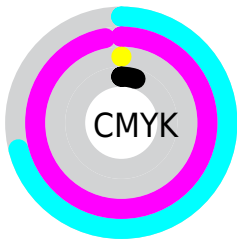
Distribution



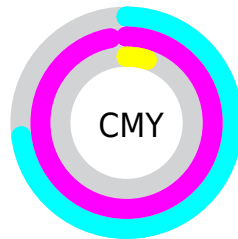
- Red (27%)
- Green (3%)
- Blue (95%)



- Red (27%)
- Yellow (3%)
- Blue (95%)



- Cyan (71%)
- Magenta (97%)
- Yellow (0%)
- Black (5%)



- Cyan (73%)
- Magenta (97%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4607F2 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 4607F2 by changing the saturation by 10% instead.

 4607F2

 4607F2

FFFFFF

 0000D5

 904CFF

 0000B8

 B068FF

 00009C

 D183FF

 000081


 F19FFF

 000C66

 FFBCFF

 000A4D

 FFD9FF

 000535

 FFF6FF

 00021F

 000003

■ 4607F2

■ 4607F2

■ 4100F2

■ 581FF2

■ 6937F2

■ 7B50F2

■ 8D68F2

■ 9F80F2

■ B098F2

■ C2B0F2

■ D4C9F2

■ E5E1F2

Harmonies

Analogous

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



005CFF



4607F2



CC009C

Triad

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



4607F2



992200



006B68

Complementary

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



4607F2



B3F207

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.



006900



4607F2



4A5500

Square

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



4607F2



D00000



006400



006FCB

Rectangle

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



4607F2



E5005C



006400



006A46

Sweetspot

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



4607F2



C9B5FF



07B3F2



5F5380



000000



808080

Same Dimension

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



4607F2



4400FF



BB07F2



6F6C78



3100B8



0F0038

Inverse Universe

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



F207B3



FF00BB



3EF207



786C75



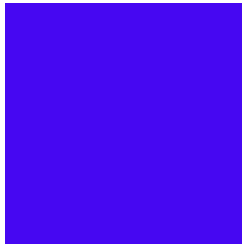
B80086



380029

Previews

White Background



This preview shows how the Hex color 4607F2 looks on a white background.

Color Contrast Check

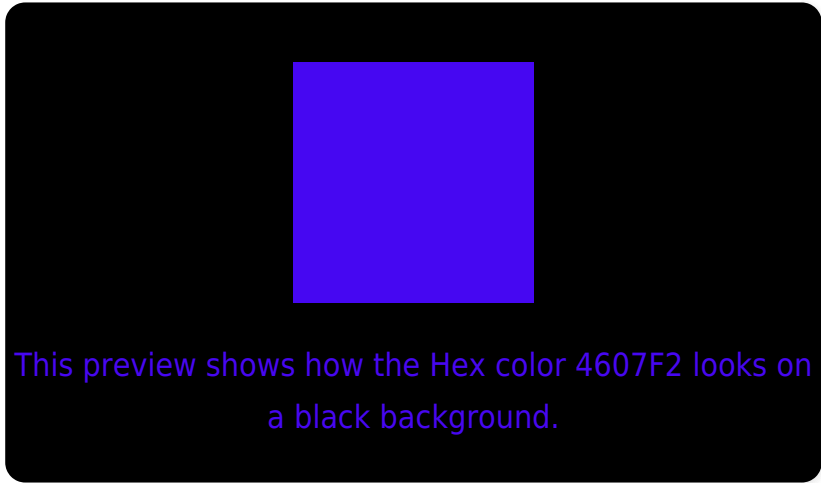
Large Text (above 18pt) WCAG AA ✓ Pass

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 4607F2 Background



This preview shows how black text looks on a background with the Hex color 4607F2.



This preview shows how white text looks on a background with the Hex color 4607F2.

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
4607F2

Protanopia
004DA1

Deuteranopia
005289

Trichromacy



Original Color
4607F2

Protanomaly
1934BE

Deuteranomaly
1937AF

Tritanomaly
193B94

Monochromacy



Original Color
4607F2

Achromatopsia
353535

Achromatomaly
3B247A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4607F2 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 #4607F2 looks like.

```
.text, #text, p{  
    color:#4607F2  
}
```

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 #4607F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4607F2
}
```

Border

The CSS property to change the border of an element to Hex 4607F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

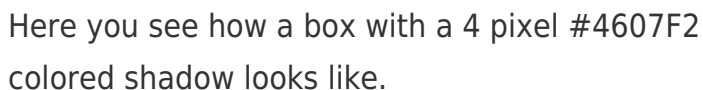
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4607F2 }
```

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

```
.border{ border-color:#4607F2 }
```

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



Here you see how a box with a 4 pixel #4607F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4607F2; -webkit-box-shadow:4px 4px  
4px 4px #4607F2; box-shadow:4px 4px 4px  
4px #4607F2 }
```

Background

The CSS property to change the background color of an element to Hex 4607F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4607F2 }
```

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

```
.background{ background-color:#4607F2 }
```

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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