

Converting Colors

Hex(4200F8)

Have a look what the booklet for
Hex(4200F8) contains.

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Color

Hex(4200F8)

Conversions

Conversions Part 1

Format	Color
Hex	4200F8
RGB	66, 0, 248
RGB Percent	26%, 0%, 97%
CMY	0.7412, 1.0000, 0.0275
CMYK	0.73, 1.00, 0.00, 0.03
HSL	256°, 100%, 49%
HSV	256°, 100%, 97%
XYZ	19.1900, 7.9356, 89.3272
YIQ	48.0060, -40.2720, 91.1200

Conversions

Conversions Part 2

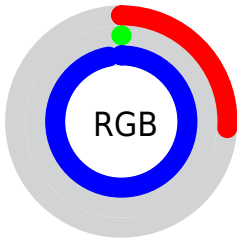
Format	Color
RYB	66, 0, 248
Decimal	4325624
CIELab	33.85, 78.46, -101.28
CIElCh	34, 128.119, 307.764
Yxy	7.9356, 0.1648, 0.0681
Android (android.graphics.Color)	4282515704 (0xFF4200F8)
YUV	48.0060, 98.5970, 15.7807
Hunter-Lab	28.1701, 72.3000, -168.2890

Details

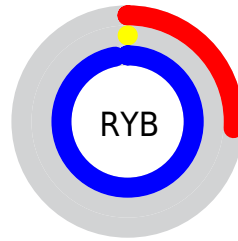
The Hex color **4200F8** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B6F800**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8E4AFF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **4200F8**, and if you desaturate by 10%, it is **5419F8**.

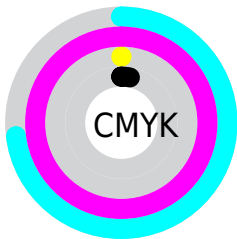
Distribution



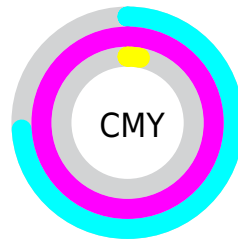
- Red (26%)
- Green (0%)
- Blue (97%)



- Red (26%)
- Yellow (0%)
- Blue (97%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (74%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4200F8 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 4200F8 by changing the saturation by 10% instead.

 4200F8

 4200F8

FFFFFF

 0000DB

 8E4AFF

 0000BE

 B066FF

 0000A2

 D082FF

 000086

 F19EFF

 000C6B

 FFBAFF

 000B52

 FFD7FF

 00053A

 FFF5FF

 000224

 00000B

 4200F8

 5419F8

 6632F8

 794AF8

 8B63F8

 9D7CF8

 AF95F8

 C1AEF8

 D4C6F8

 E6DFF8

Harmonies

Analogous

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



005EFF



4200F8



CF009F

Triad

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



4200F8



9B2000



006C69

Complementary

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



4200F8



B6F800

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



4200F8



4A5600

Square

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



4200F8



D40000



006500



0070CF

Rectangle

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



4200F8



EA005D



006500



006B45

Sweetspot

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



4200F8



C7B3FF



00BAF8



5E5280



000000



808080

Same Dimension

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



4200F8



4400FF



BA00F8



74707D



3200BD



10003D

Inverse Universe

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



F800B6



FF00BB



3EF800



7D707A



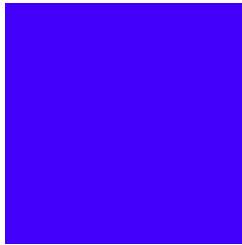
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 4200F8 looks on a white background.

Color Contrast Check

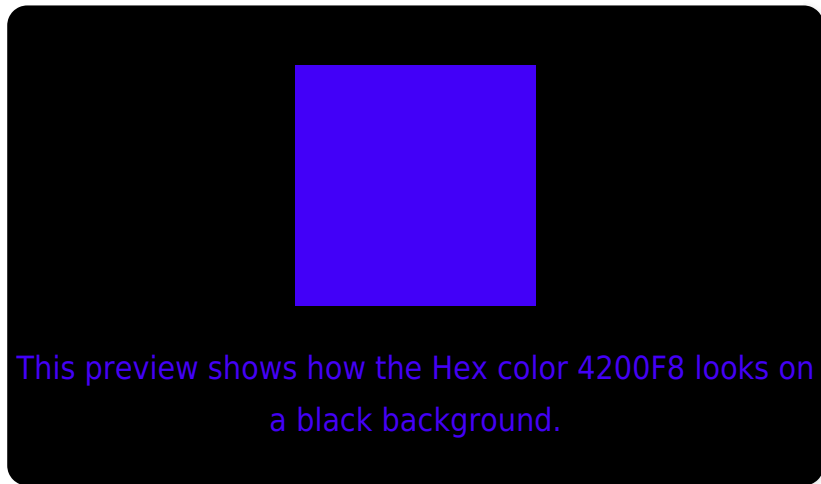
Large Text (above 18pt) WCAG AA ✓ Pass

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 4200F8 Background



This preview shows how black text looks on a background with the Hex color 4200F8.

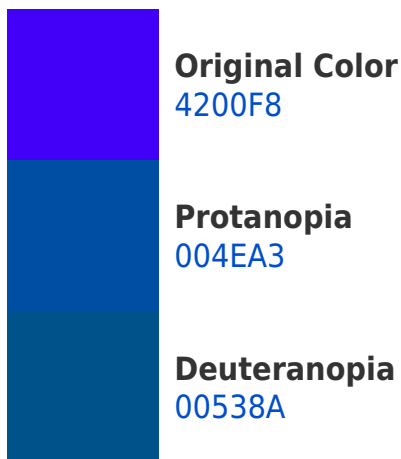


This preview shows how white text looks on a background with the Hex color 4200F8.

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



Trichromacy



Original Color
4200F8

Protanomaly
1832C2

Deuteranomaly
1835B2

Tritanomaly
183996

Monochromacy



Original Color
4200F8

Achromatopsia
303030

Achromatomaly
371F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 4200F8 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 #4200F8 looks like.

```
.text, #text, p{  
    color:#4200F8  
}
```

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 #4200F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4200F8
}
```

Border

The CSS property to change the border of an element to Hex 4200F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

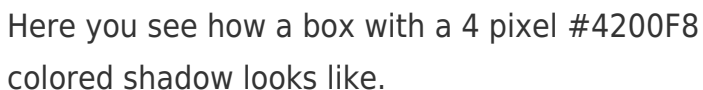
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4200F8 }
```

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

```
.border{ border-color:#4200F8 }
```

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



Here you see how a box with a 4 pixel #4200F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4200F8; -webkit-box-shadow:4px 4px  
4px 4px #4200F8; box-shadow:4px 4px 4px  
4px #4200F8 }
```

Background

The CSS property to change the background color of an element to Hex 4200F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4200F8 }
```

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

```
.background{ background-color:#4200F8 }
```

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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