

Converting Colors

Hex(4570F2)

Have a look what the booklet for
Hex(4570F2) contains.

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Color

Hex(4570F2)

Conversions

Conversions Part 1

Format	Color
Hex	4570F2
RGB	69, 112, 242
RGB Percent	27%, 44%, 95%
CMY	0.7294, 0.5608, 0.0510
CMYK	0.71, 0.54, 0.00, 0.05
HSL	225°, 87%, 61%
HSV	225°, 71%, 95%
XYZ	24.2754, 19.2644, 86.4433
YIQ	113.9630, -67.3580, 31.3140

Conversions

Conversions Part 2

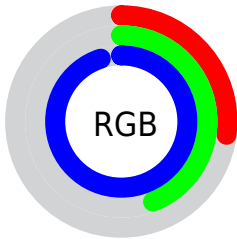
Format	Color
R _Y B	69, 103, 242
Decimal	4550898
CIE Lab	51.00, 28.46, -69.68
CIE LCh	51, 75.271, 292.218
Yxy	19.2644, 0.1868, 0.1482
Android (android.graphics.Color)	4282740978 (0xFF4570F2)
YUV	113.9630, 63.1222, -39.4326
Hunter-Lab	43.8912, 21.9156, -86.0474

Details

The Hex color **4570F2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F2C745**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **89A3FF**, and **0041B9** is the 20% darker color. If you saturate the color by 10%, you get **2D5EF2**, and if you desaturate by 10%, it is **5D82F2**.

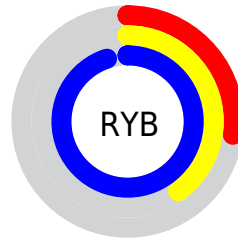
Distribution



Red (27%)

Green (44%)

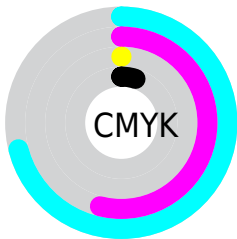
Blue (95%)



Red (27%)

Yellow (40%)

Blue (95%)

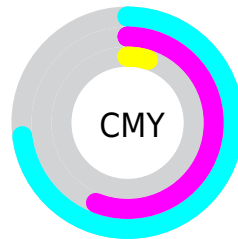


Cyan (71%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (56%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4570F2 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 4570F2 by changing the saturation by 10% instead.

 4570F2

 4570F2

FFFFFF

 0C58D5

 89A3FF

 0041B9

 A8BEFF

 002C9D


 C7DAFF

 001A82

 E6F6FF

 000068

 000A4F

 000537

 000221

 000006

■ 4570F2

■ 4570F2

■ 2D5EF2

■ 5D82F2

■ 154CF2

■ 7594F2

■ 003CF2

■ 8EA7F2

■ A6B9F2

■ BECBF2

■ D6DDF2

■ EEEFF2

■ FFFFF2

Harmonies

Analogous

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



0087FA



4570F2



B44DC9

Triad

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



4570F2



CE5306



009466

Complementary

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



4570F2



F2C745

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.



008F1F



4570F2



A17100

Square

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



4570F2



E62D4D



668400



0095A9

Rectangle

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



4570F2



D732A2



668400



00934F

Sweetspot

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



4570F2



C9D7FF



45F2C7



606880



000000



808080

Same Dimension

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



4570F2



245AFF



7045F2



6C6F78



002EB8



000E38

Inverse Universe

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



F24570



FF245A



C7F245



786C6F



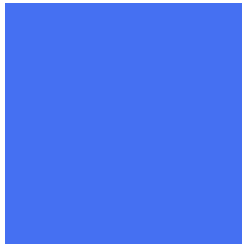
B8002E



38000E

Previews

White Background



This preview shows how the Hex color 4570F2 looks on a white background.

Color Contrast Check

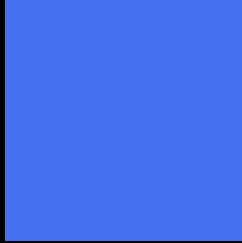
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4570F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

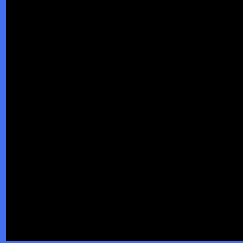
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4570F2 Background



This preview shows how black text looks on a background with the Hex color 4570F2.

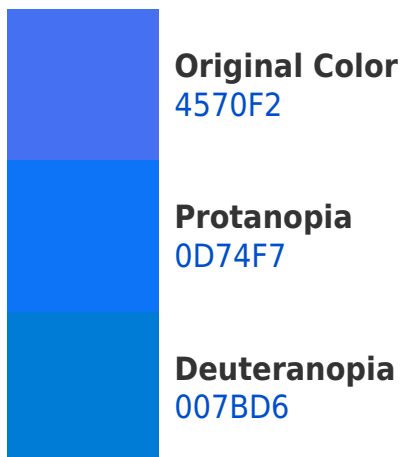


This preview shows how white text looks on a background with the Hex color 4570F2.

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](#).

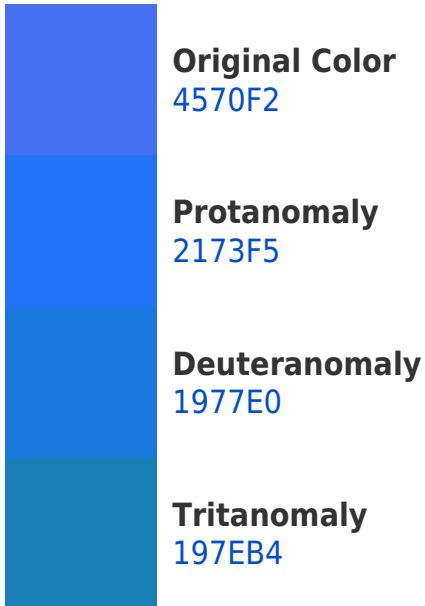
Dichromacy





Tritanopia
008690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4570F2 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 #4570F2 looks like.

```
.text, #text, p{  
    color:#4570F2  
}
```

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 #4570F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4570F2
}
```

Border

The CSS property to change the border of an element to Hex 4570F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

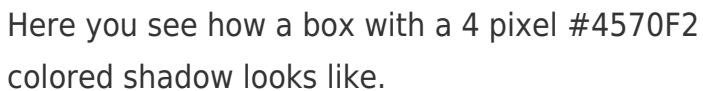
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4570F2 }
```

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

```
.border{ border-color:#4570F2 }
```

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



Here you see how a box with a 4 pixel #4570F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4570F2; -webkit-box-shadow:4px 4px  
4px 4px #4570F2; box-shadow:4px 4px 4px  
4px #4570F2 }
```

Background

The CSS property to change the background color of an element to Hex 4570F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4570F2 }
```

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

```
.background{ background-color:#4570F2 }
```

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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