

Converting Colors

Hex(4477F4)

Have a look what the booklet for
Hex(4477F4) contains.

Hex(4477F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4477F4)

Conversions

Conversions Part 1

Format	Color
Hex	4477F4
RGB	68, 119, 244
RGB Percent	27%, 47%, 96%
CMY	0.7333, 0.5333, 0.0431
CMYK	0.72, 0.51, 0.00, 0.04
HSL	223°, 89%, 61%
HSV	223°, 72%, 96%
XYZ	25.3099, 20.9542, 88.2986
YIQ	118.0010, -70.5210, 28.0630

Conversions

Conversions Part 2

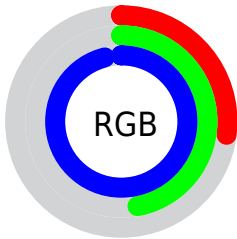
Format	Color
R _{YB}	68, 108, 244
Decimal	4487156
CIE _{Lab}	52.90, 24.70, -67.71
CIE _{LCh}	53, 72.078, 290.038
Y _{xy}	20.9542, 0.1881, 0.1557
Android (android.graphics.Color)	4282677236 (0xFF4477F4)
Y _{UV}	118.0010, 62.1175, -43.8509
Hunter-Lab	45.7758, 18.5866, -82.3235

Details

The Hex color **4477F4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F4C144**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **88ABFF**, and **0048BB** is the 20% darker color. If you saturate the color by 10%, you get **2C66F4**, and if you desaturate by 10%, it is **5C88F4**.

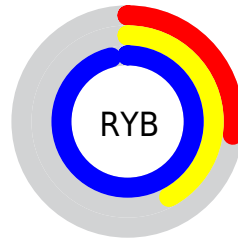
Distribution



Red (27%)

Green (47%)

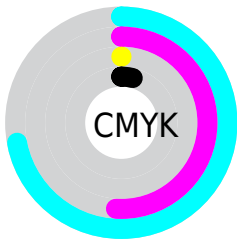
Blue (96%)



Red (27%)

Yellow (42%)

Blue (96%)

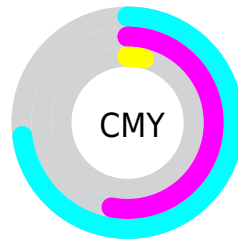


Cyan (72%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (53%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4477F4 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 4477F4 by changing the saturation by 10% instead.

■ 4477F4

■ 4477F4

FFFFFF

■ 085FD7

■ 88ABFF

■ 0048BB

■ A8C6FF

■ 00329F

■ C7E2FF

■ 001F84

■ E6FEFF

■ 000A6A

■ 000B51

■ 000539

■ 000223

■ 000009

 4477F4

 4477F4

 2C66F4

 5C88F4

 1354F4

 759AF4

 0047F4

 8DABF4

 A6BCF4

 BECEF4

 D6DFF4

 EFF0F4

 FFFFF4

Harmonies

Analogous

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



008CF9



4477F4



B358CF

Triad

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



4477F4



D4581C



009867

Complementary

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



4477F4



F4C144

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.



009324



4477F4



AA7400

Square

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



4477F4



E93958



718800



009AA7

Rectangle

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



4477F4



D641AA



718800



009751

Sweetspot

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



4477F4



C7D7FF



44F4BF



5E6880



000000



808080

Same Dimension

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



4477F4



2161FF



6744F4



6E727A



0036BA



00113B

Inverse Universe

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



F44477



FF2161



D1F444



7A6E72



BA0036



3B0011

Previews

White Background



This preview shows how the Hex color 4477F4 looks on a white background.

Color Contrast Check

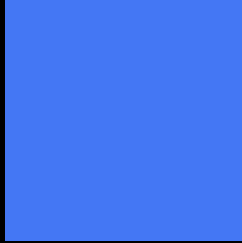
Large Text (above 18pt) WCAG AA ✓ Pass

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 4477F4 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 4477F4 Background



This preview shows how black text looks on a background with the Hex color 4477F4.



This preview shows how white text looks on a background with the Hex color 4477F4.

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](#).

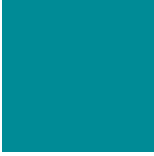
Dichromacy



Original Color
4477F4

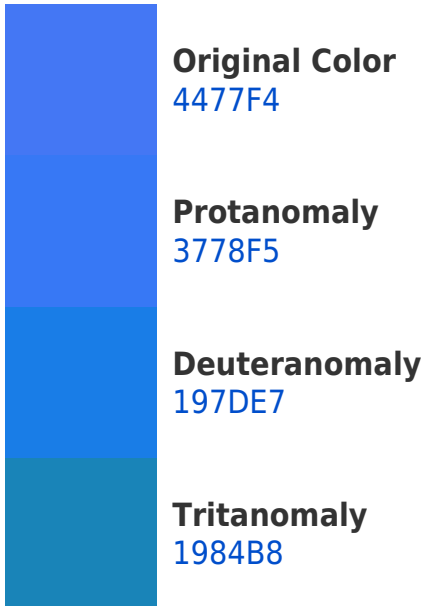
Protanopia
2F79F6

Deuteranopia
0080E0

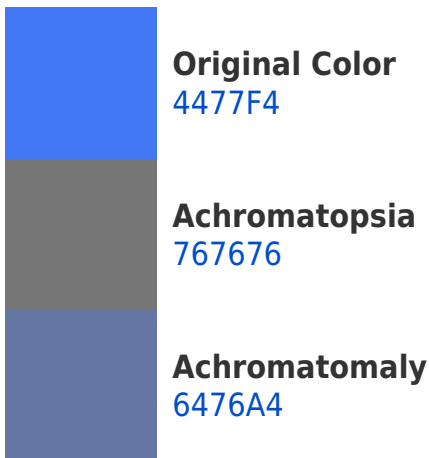


Tritanopia
008B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4477F4 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 #4477F4 looks like.

```
.text, #text, p{  
    color:#4477F4  
}
```

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 #4477F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4477F4
}
```

Border

The CSS property to change the border of an element to Hex 4477F4 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
#4477F4 }
```

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

```
.border{ border-color:#4477F4 }
```

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

Here you see how a box with a 4 pixel #4477F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4477F4; -webkit-box-shadow:4px 4px  
4px 4px #4477F4; box-shadow:4px 4px 4px  
4px #4477F4 }
```

Background

The CSS property to change the background color of an element to Hex 4477F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4477F4 }
```

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

```
.background{ background-color:#4477F4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor