

Converting Colors

Hex(7180F4)

Have a look what the booklet for
Hex(7180F4) contains.

Hex(7180F4)	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(7180F4)

Conversions

Conversions Part 1

Format	Color
Hex	7180F4
RGB	113, 128, 244
RGB Percent	44%, 50%, 96%
CMY	0.5569, 0.4980, 0.0431
CMYK	0.54, 0.48, 0.00, 0.04
HSL	233°, 86%, 70%
HSV	233°, 54%, 96%
XYZ	30.8584, 25.4807, 88.8798
YIQ	136.7390, -46.1760, 32.8960

Conversions

Conversions Part 2

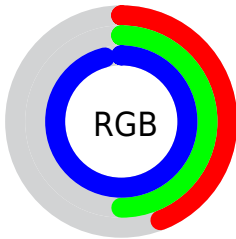
Format	Color
R _{YB}	113, 126, 244
Decimal	7438580
CIE _{Lab}	57.54, 26.66, -60.12
CIE _{LCh}	58, 65.768, 293.916
Y _{xy}	25.4807, 0.2125, 0.1755
Android (android.graphics.Color)	4285628660 (0xFF7180F4)
YUV	136.7390, 52.8797, -20.8191
Hunter-Lab	50.4784, 20.7830, -69.0599

Details

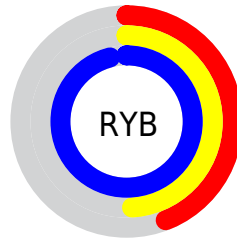
The Hex color **7180F4** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F4E571**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **ACB5FF**, and **2F4FBB** is the 20% darker color. If you saturate the color by 10%, you get **596AF4**, and if you desaturate by 10%, it is **8996F4**.

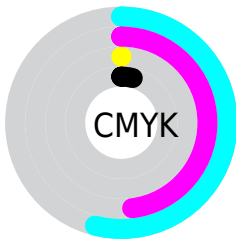
Distribution



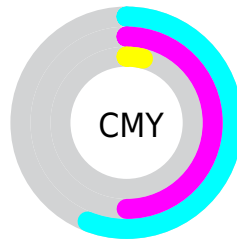
- Red (44%)
- Green (50%)
- Blue (96%)



- Red (44%)
- Yellow (49%)
- Blue (96%)



- Cyan (54%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (50%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7180F4 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 7180F4 by changing the saturation by 10% instead.

 7180F4

 7180F4

FFFFFF

 5267D7

 ACB5FF

 2F4FBB

 CAD0FF

 00399F

 E8ECFF

 002485

 00126B

 000052

 00053A

 000223

 00000A

■ 7180F4

■ 7180F4

■ 596AF4

■ 8996F4

■ 4055F4

■ A2ABF4

■ 283FF4

■ BAC1F4

■ 0F2AF4

■ D3D6F4

■ 001CF4

■ EBECF4

■ FFFFF4

Harmonies

Analogous

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



0095FD



7180F4



C465CF

Triad

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



7180F4



D96C2B



00A47C

Complementary

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



7180F4



F4E571

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.



209F42



7180F4



AF8300

Square

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



7180F4



EF545F



799503



00A4B7

Rectangle

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



7180F4



E155AC



799503



00A368

Sweetspot

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



7180F4



D6DBFF



71F4E5



676A80



000000



808080

Same Dimension

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



7180F4



5C6EFF



A371F4



6E707A



0015BA



00073B

Inverse Universe

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



F47180



FF5C6E



C2F471



7A6E70



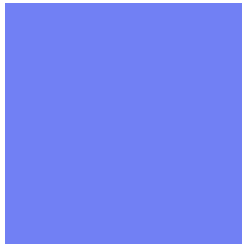
BA0015



3B0007

Previews

White Background



This preview shows how the Hex color 7180F4 looks on a white background.

Color Contrast Check

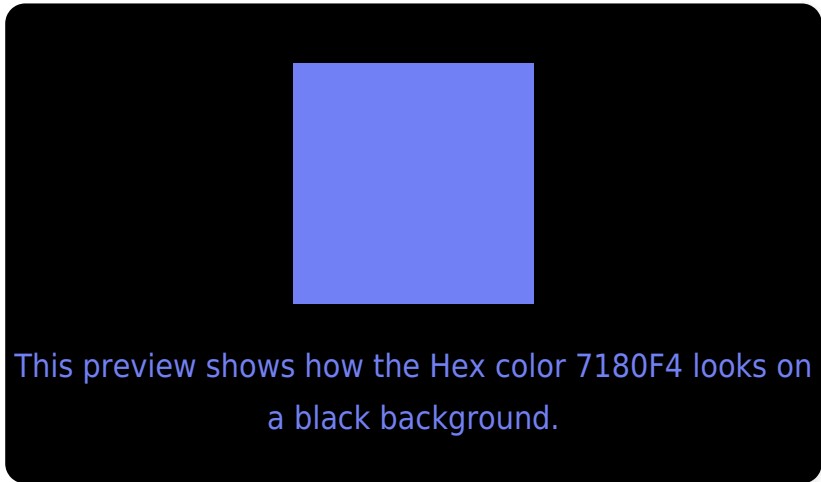
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

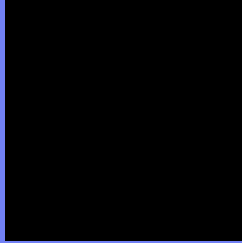
Any Text WCAG AA ✓ Pass

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 7180F4 Background



This preview shows how black text looks on a background with the Hex color 7180F4.

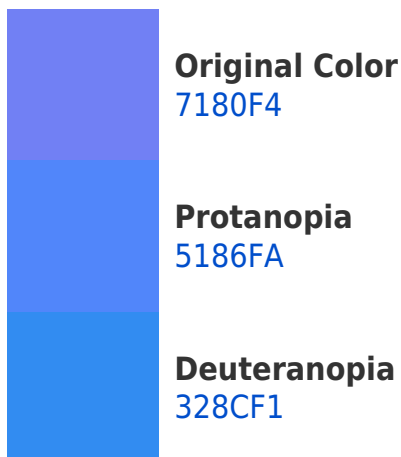


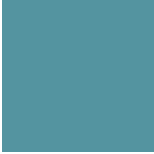
This preview shows how white text looks on a background with the Hex color 7180F4.

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](#).

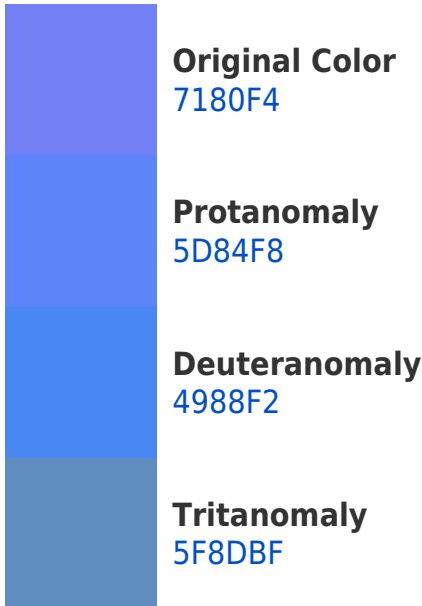
Dichromacy





Tritanopia
5494A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7180F4 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 #7180F4 looks like.

```
.text, #text, p{  
    color:#7180F4  
}
```

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 #7180F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7180F4
}
```

Border

The CSS property to change the border of an element to Hex 7180F4 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
#7180F4 }
```

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

```
.border{ border-color:#7180F4 }
```

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

Here you see how a box with a 4 pixel #7180F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7180F4; -webkit-box-shadow:4px 4px  
4px 4px #7180F4; box-shadow:4px 4px 4px  
4px #7180F4 }
```

Background

The CSS property to change the background color of an element to Hex 7180F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7180F4 }
```

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

```
.background{ background-color:#7180F4 }
```

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