

Converting Colors

Hex(7193F4)

Have a look what the booklet for
Hex(7193F4) contains.

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Color

Hex(7193F4)

Conversions

Conversions Part 1

Format	Color
Hex	7193F4
RGB	113, 147, 244
RGB Percent	44%, 58%, 96%
CMY	0.5569, 0.4235, 0.0431
CMYK	0.54, 0.40, 0.00, 0.04
HSL	224°, 86%, 70%
HSV	224°, 54%, 96%
XYZ	33.5729, 30.9098, 89.7847
YIQ	147.8920, -51.4010, 22.9590

Conversions

Conversions Part 2

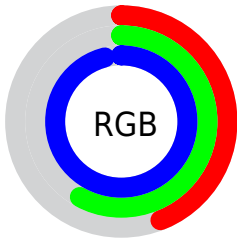
Format	Color
R _Y B	113, 140, 244
Decimal	7443444
CIE Lab	62.43, 15.38, -52.32
CIE LCh	62, 54.534, 286.378
Yxy	30.9098, 0.2176, 0.2004
Android (android.graphics.Color)	4285633524 (0xFF7193F4)
YUV	147.8920, 47.3812, -30.6003
Hunter-Lab	55.5966, 10.4961, -56.8317

Details

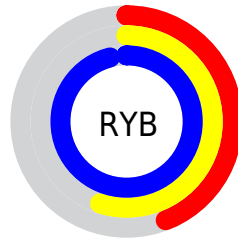
The Hex color **7193F4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4D271**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ACC9FF**, and **3161BB** is the 20% darker color. If you saturate the color by 10%, you get **5981F4**, and if you desaturate by 10%, it is **89A5F4**.

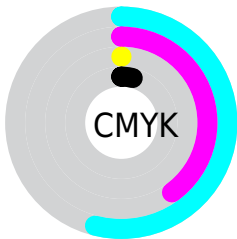
Distribution



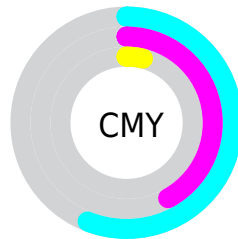
- Red (44%)
- Green (58%)
- Blue (96%)



- Red (44%)
- Yellow (55%)
- Blue (96%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7193F4 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 7193F4 by changing the saturation by 10% instead.


 7193F4

 7193F4

FFFFFF

 5379D7

 ACC9FF

 3161BB

 C9E5FF

 004AA0

 E7FFFF

 003485

 00206B

 000852

 00063A

 000224

 00000C

■ 7193F4

■ 7193F4

■ 5981F4

■ 89A5F4

■ 406FF4

■ A2B7F4

■ 285DF4

■ BAC9F4

■ 0F4BF4

■ D3DBF4

■ 003FF4

■ EBEDF4

■ FFFFF4

Harmonies

Analogous

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



00A3F5



7193F4



BC7FDA

Triad

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



7193F4



E37A53



00AD7F

Complementary

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



7193F4



F4D271

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.



60A751



7193F4



C48D35

Square

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



7193F4



F06C7E



989D33



00AFB1

Rectangle

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



7193F4



DA73BF



989D33



21AC6E

Sweetspot

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



7193F4



D6E1FF



71F4D1



676E80



000000



808080

Same Dimension

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



7193F4



5C86FF



9071F4



6E717A



0030BA



000F3B

Inverse Universe

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



F47193



FF5C86



D5F471



7A6E71



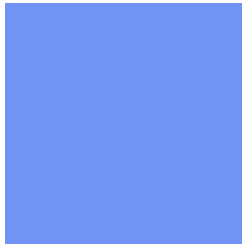
BA0030



3B000F

Previews

White Background



This preview shows how the Hex color 7193F4 looks on a white 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

Black Background



This preview shows how the Hex color 7193F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

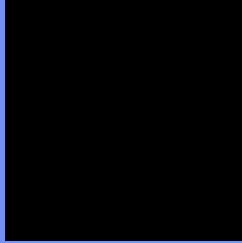
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 7193F4 Background



This preview shows how black text looks on a background with the Hex color 7193F4.



This preview shows how white text looks on a background with the Hex color 7193F4.

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](#).

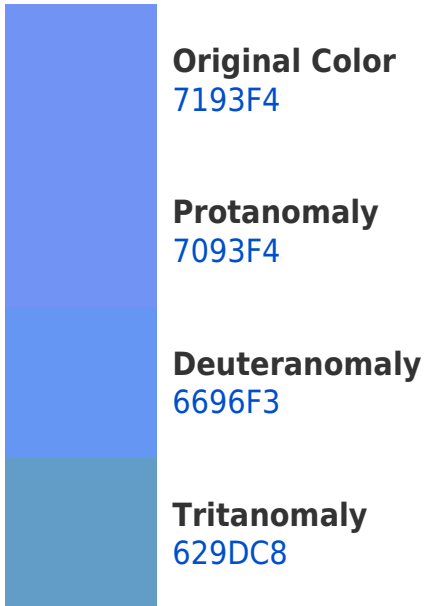
Dichromacy



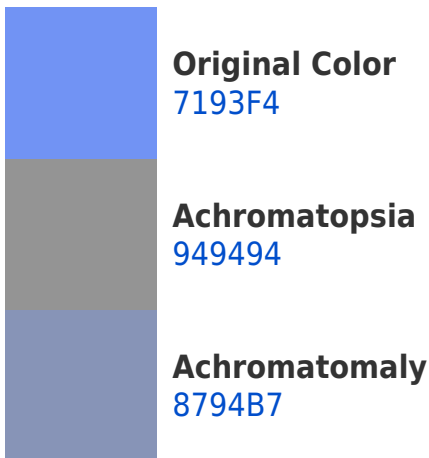


Tritanopia
59A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7193F4 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 #7193F4 looks like.

```
.text, #text, p{  
    color:#7193F4  
}
```

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 #7193F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7193F4  
}
```

Border

The CSS property to change the border of an element to Hex 7193F4 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  
#7193F4 }
```

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

```
.border{ border-color:#7193F4 }
```

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

Here you see how a box with a 4 pixel #7193F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7193F4; -webkit-box-shadow:4px 4px  
4px 4px #7193F4; box-shadow:4px 4px 4px  
4px #7193F4 }
```

Background

The CSS property to change the background color of an element to Hex 7193F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7193F4 }
```

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

```
.background{ background-color:#7193F4 }
```

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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