

Converting Colors

Hex(7394EF)

Have a look what the booklet for
Hex(7394EF) contains.

Hex(7394EF)	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(7394EF)

Conversions

Conversions Part 1

Format	Color
Hex	7394EF
RGB	115, 148, 239
RGB Percent	45%, 58%, 94%
CMY	0.5490, 0.4196, 0.0627
CMYK	0.52, 0.38, 0.00, 0.06
HSL	224°, 79%, 69%
HSV	224°, 52%, 94%
XYZ	33.2401, 31.0566, 85.9039
YIQ	148.5070, -48.8790, 21.3050

Conversions

Conversions Part 2

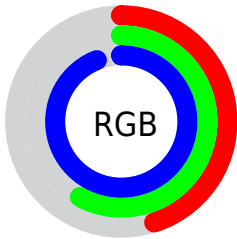
Format	Color
R_{YB}	115, 141, 239
Decimal	7574767
CIE _{Lab}	62.56, 13.67, -49.36
CIE _{LCh}	63, 51.223, 285.479
Yxy	31.0566, 0.2213, 0.2068
Android (android.graphics.Color)	4285764847 (0xFF7394EF)
YUV	148.5070, 44.6130, -29.3856
Hunter-Lab	55.7285, 8.9443, -52.3840

Details

The Hex color **7394EF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFCE73**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADCAFF**, and **3562B6** is the 20% darker color. If you saturate the color by 10%, you get **5B82EF**, and if you desaturate by 10%, it is **8BA6EF**.

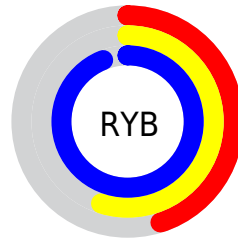
Distribution



Red (45%)

Green (58%)

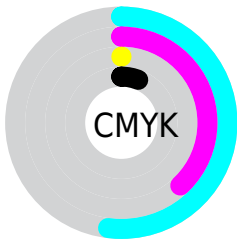
Blue (94%)



Red (45%)

Yellow (55%)

Blue (94%)

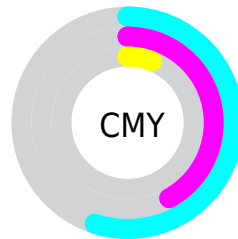


Cyan (52%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (55%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7394EF 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 7394EF by changing the saturation by 10% instead.

 7394EF

 7394EF


FFFFFF

 557AD2

 ADCAFF

 3562B6

 CBE6FF

 014A9B

 E8FFFF

 003481

 002067

 00084F

 000537

 000220

 000005

 7394EF

 7394EF

 5B82EF

 8BA6EF

 4371EF

 A3B7EF

 2B5FEF

 BBC9EF

 134EEF

 D3DAEF

 0040EF

 EAECEF

 FFFDEF

 FFFFEF

Harmonies

Analogous

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



00A2EF



7394EF



B882D7

Triad

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



7394EF



E17C58



00AC7F

Complementary

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



7394EF



EFCE73

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.



67A755



7394EF



C48D3D

Square

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



7394EF



EC7081



9A9C3A



00AEAE

Rectangle

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



7394EF



D677BE



9A9C3A



35AB70

Sweetspot

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



7394EF



D6E1FF



73EFCE



676E80



000000



808080

Same Dimension

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



7394EF



618BFF



9073EF



6C6F78



0031B8



000F38

Inverse Universe

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



EF7394



FF618B



D2EF73



786C6F



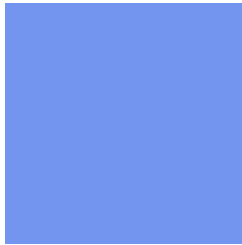
B80031



38000F

Previews

White Background



This preview shows how the Hex color 7394EF looks on a white background.

Color Contrast Check

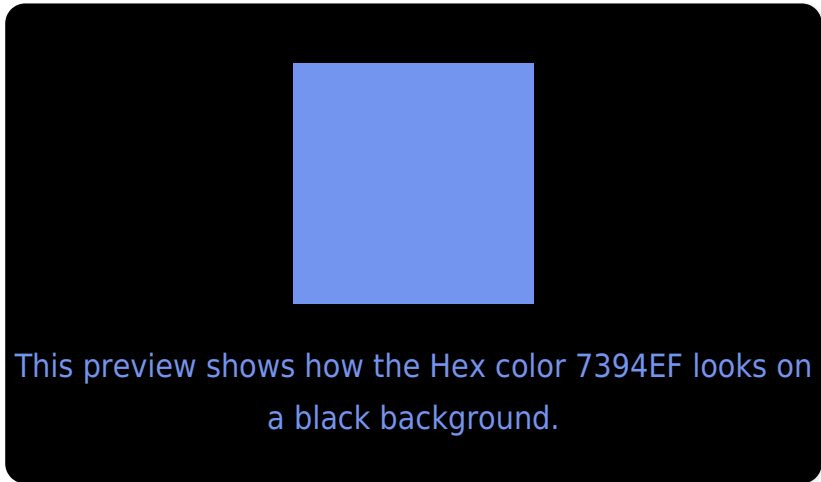
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

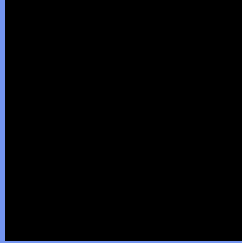
Any Text WCAG AA ✓ Pass

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 7394EF Background



This preview shows how black text looks on a background with the Hex color 7394EF.



This preview shows how white text looks on a background with the Hex color 7394EF.

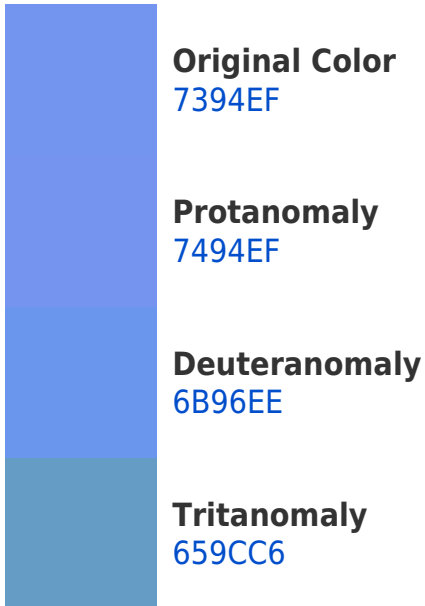
Color Blindness Simulation

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](#).

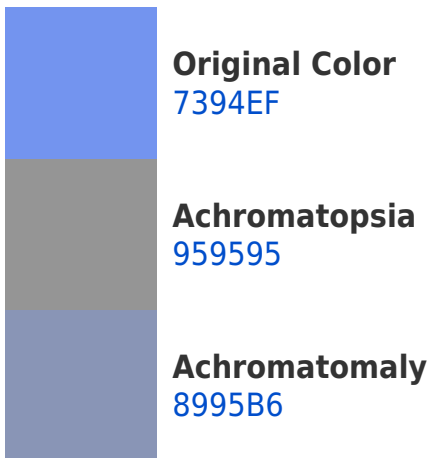
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7394EF 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 #7394EF looks like.

```
.text, #text, p{  
    color:#7394EF  
}
```

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 #7394EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7394EF
}
```

Border

The CSS property to change the border of an element to Hex 7394EF 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
#7394EF }
```

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

```
.border{ border-color:#7394EF }
```

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

Here you see how a box with a 4 pixel #7394EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7394EF; -webkit-box-shadow:4px 4px  
4px 4px #7394EF; box-shadow:4px 4px 4px  
4px #7394EF }
```

Background

The CSS property to change the background color of an element to Hex 7394EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7394EF }
```

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

```
.background{ background-color:#7394EF }
```

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