

Converting Colors

Hex(7584F3)

Have a look what the booklet for
Hex(7584F3) contains.

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Color

Hex(7584F3)

Conversions

Conversions Part 1

Format	Color
Hex	7584F3
RGB	117, 132, 243
RGB Percent	46%, 52%, 95%
CMY	0.5412, 0.4824, 0.0471
CMYK	0.52, 0.46, 0.00, 0.05
HSL	233°, 84%, 71%
HSV	233°, 52%, 95%
XYZ	31.7650, 26.7555, 88.2841
YIQ	140.1690, -44.5710, 31.3410

Conversions

Conversions Part 2

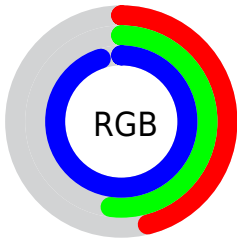
Format	Color
R _Y B	117, 130, 243
Decimal	7701747
CIE Lab	58.75, 24.80, -57.62
CIE LCh	59, 62.730, 293.283
Yxy	26.7555, 0.2164, 0.1823
Android (android.graphics.Color)	4285891827 (0xFF7584F3)
YUV	140.1690, 50.6957, -20.3192
Hunter-Lab	51.7257, 19.0978, -64.9867

Details

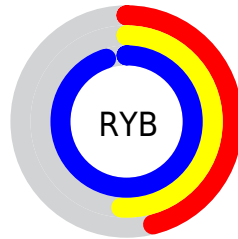
The Hex color **7584F3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F3E475**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B0B9FF**, and **3653BA** is the 20% darker color. If you saturate the color by 10%, you get **5D6FF3**, and if you desaturate by 10%, it is **8D99F3**.

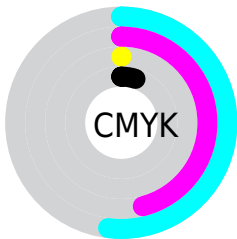
Distribution



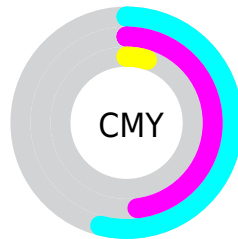
- Red (46%)
- Green (52%)
- Blue (95%)



- Red (46%)
- Yellow (51%)
- Blue (95%)



- Cyan (52%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (48%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7584F3 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 7584F3 by changing the saturation by 10% instead.

 7584F3

 7584F3

FFFFFF

 576BD6

 B0B9FF

 3653BA

 CDD4FF

 003C9F

 EBF1FF

 002784

 00146A

 000051

 000539

 000223

 000009

 7584F3

 7584F3

 5D6FF3

 8D99F3

 4459F3

 A6AFF3

 2C44F3

 BEC4F3

 142EF3

 D6DAF3

 001DF3

 EEEFF3

 FFFFF3

Harmonies

Analogous

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



0097FB



7584F3



C46BD0

Triad

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



7584F3



DA7034



00A67F

Complementary

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



7584F3



F3E475

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.



32A147



7584F3



B3860A

Square

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



7584F3



EF5B65



7F9717



00A7B7

Rectangle

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



7584F3



E15DAE



7F9717



00A56C

Sweetspot

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



7584F3



D6DBFF



75F3E2



676A80



000000



808080

Same Dimension

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



7584F3



6174FF



A375F3



6E707A



0016BA



00073B

Inverse Universe

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



F37584



FF6174



C5F375



7A6E70



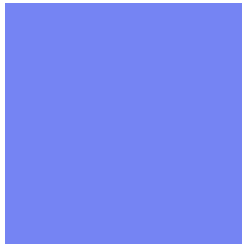
BA0016



3B0007

Previews

White Background



This preview shows how the Hex color 7584F3 looks on a white background.

Color Contrast Check

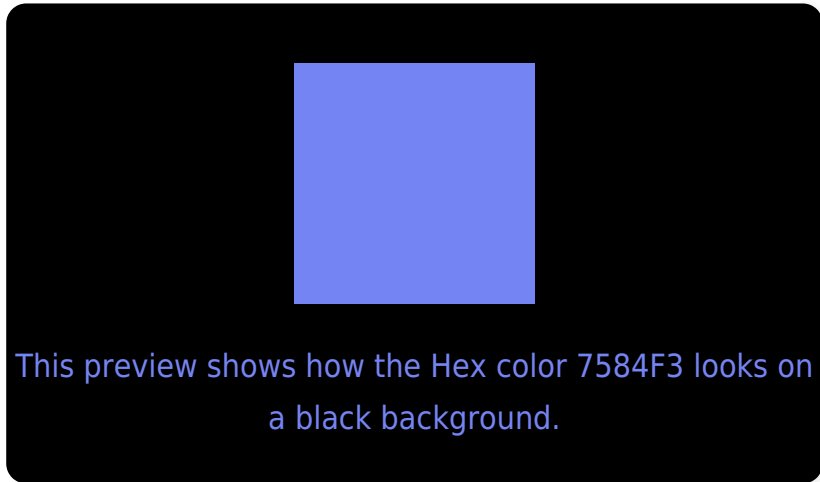
Large Text (above 18pt) WCAG AA ✓ Pass

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

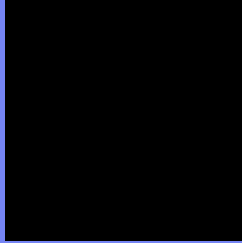
Any Text WCAG AA ✓ Pass

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 7584F3 Background



This preview shows how black text looks on a background with the Hex color 7584F3.



This preview shows how white text looks on a background with the Hex color 7584F3.

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](#).

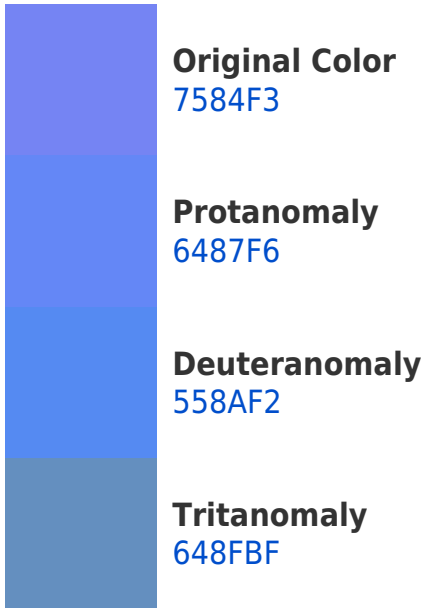
Dichromacy



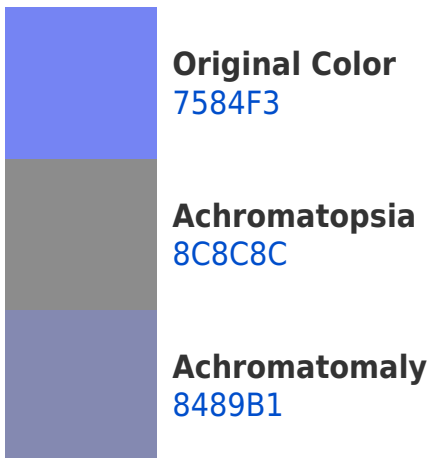


Tritanopia
5B96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7584F3 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 #7584F3 looks like.

```
.text, #text, p{  
    color:#7584F3  
}
```

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 #7584F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7584F3
}
```

Border

The CSS property to change the border of an element to Hex 7584F3 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
#7584F3 }
```

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

```
.border{ border-color:#7584F3 }
```

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

Here you see how a box with a 4 pixel #7584F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7584F3; -webkit-box-shadow:4px 4px  
4px 4px #7584F3; box-shadow:4px 4px 4px  
4px #7584F3 }
```

Background

The CSS property to change the background color of an element to Hex 7584F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7584F3 }
```

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

```
.background{ background-color:#7584F3 }
```

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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