

Converting Colors

Hex(7940F7)

Have a look what the booklet for
Hex(7940F7) contains.

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Color

Hex(7940F7)

Conversions

Conversions Part 1

Format	Color
Hex	7940F7
RGB	121, 64, 247
RGB Percent	47%, 25%, 97%
CMY	0.5255, 0.7490, 0.0314
CMYK	0.51, 0.74, 0.00, 0.03
HSL	259°, 92%, 61%
HSV	259°, 74%, 97%
XYZ	26.5071, 14.4471, 89.3872
YIQ	101.9050, -24.7710, 68.9970

Conversions

Conversions Part 2

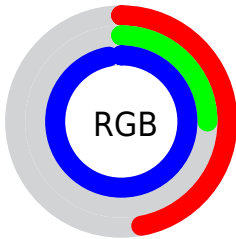
Format	Color
R _Y B	121, 64, 247
Decimal	7946487
CIE Lab	44.87, 64.31, -82.33
CIE LCh	45, 104.468, 307.996
Yxy	14.4471, 0.2034, 0.1108
Android (android.graphics.Color)	4286136567 (0xFF7940F7)
YUV	101.9050, 71.5318, 16.7463
Hunter-Lab	38.0094, 57.9662, -112.8265

Details

The Hex color **7940F7** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **BEF740**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B775FF**, and **3300BD** is the 20% darker color. If you saturate the color by 10%, you get **6827F7**, and if you desaturate by 10%, it is **8A59F7**.

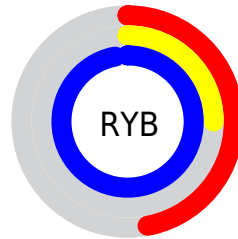
Distribution



Red (47%)

Green (25%)

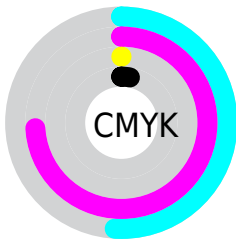
Blue (97%)



Red (47%)

Yellow (25%)

Blue (97%)

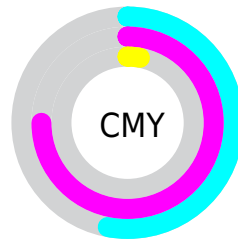


Cyan (51%)

Magenta (74%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (75%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7940F7 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 7940F7 by changing the saturation by 10% instead.

 7940F7

 7940F7

FFFFFF

 5824DA

 B775FF

 3300BD

 D690FF

 0000A1

 F5ACFF

 000086

 FFC8FF

 00006C

 FFE5FF

 000B52

 00053A

 000224

 00000B

 7940F7

 7940F7

 6827F7

 8A59F7

 570FF7

 9B71F7

 4D00F7

 AC8AF7

 BDA3F7

 CEBCF7

 DFD4F7

 F0EDF7

 FFFFF7

Harmonies

Analogous

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



0071FF



7940F7



DC00AD

Triad

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



7940F7



B34A00



008980

Complementary

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



7940F7



BEF740

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.



00861F



7940F7



6D6F00

Square

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



7940F7



E50000



007F00



008AD6

Rectangle

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



7940F7



F40074



007F00



008862

Sweetspot

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



7940F7



D8C7FF



40C0F7



695E80



000000



808080

Same Dimension

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



7940F7



631CFF



D240F7



726E7A



3A00BA



12003B

Inverse Universe

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



F740BE



FF1CB8



65F740



7A6E77



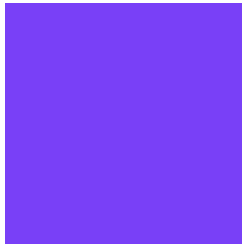
BA0080



3B0028

Previews

White Background



This preview shows how the Hex color 7940F7 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

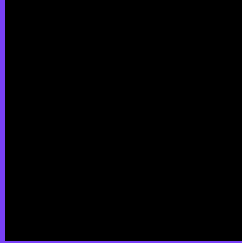
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7940F7 Background



This preview shows how black text looks on a background with the Hex color 7940F7.

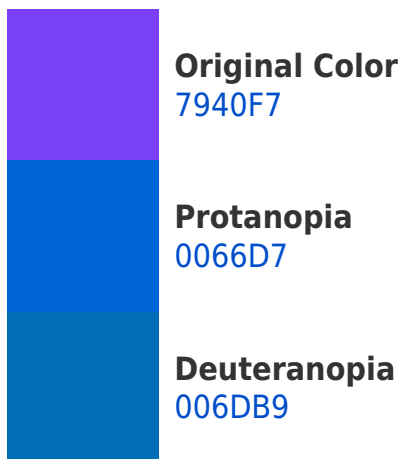


This preview shows how white text looks on a background with the Hex color 7940F7.

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](#).

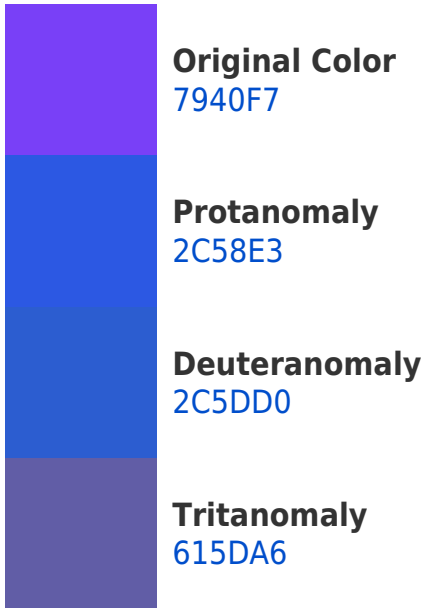
Dichromacy



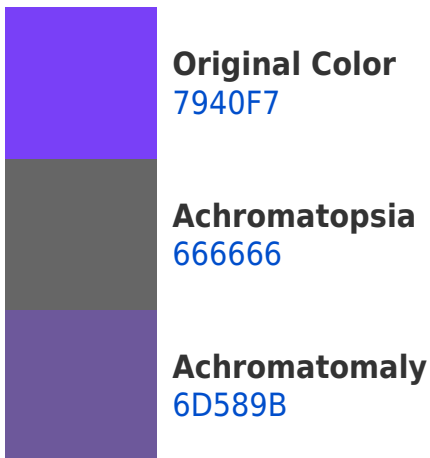


Tritanopia
536E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7940F7 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 #7940F7 looks like.

```
.text, #text, p{  
    color:#7940F7  
}
```

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 #7940F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7940F7
}
```

Border

The CSS property to change the border of an element to Hex 7940F7 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
#7940F7 }
```

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

```
.border{ border-color:#7940F7 }
```

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

Here you see how a box with a 4 pixel #7940F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7940F7; -webkit-box-shadow:4px 4px  
4px 4px #7940F7; box-shadow:4px 4px 4px  
4px #7940F7 }
```

Background

The CSS property to change the background color of an element to Hex 7940F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7940F7 }
```

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

```
.background{ background-color:#7940F7 }
```

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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