

Converting Colors

Hex(7695F0)

Have a look what the booklet for
Hex(7695F0) contains.

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Color

Hex(7695F0)

Conversions

Conversions Part 1

Format	Color
Hex	7695F0
RGB	118, 149, 240
RGB Percent	46%, 58%, 94%
CMY	0.5373, 0.4157, 0.0588
CMYK	0.51, 0.38, 0.00, 0.06
HSL	225°, 80%, 70%
HSV	225°, 51%, 94%
XYZ	33.9468, 31.6377, 86.7556
YIQ	150.1050, -47.6870, 21.7290

Conversions

Conversions Part 2

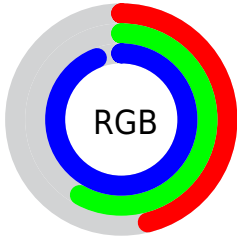
Format	Color
R _Y B	118, 143, 240
Decimal	7771632
CIE Lab	63.04, 14.05, -49.13
CIE LCh	63, 51.104, 285.959
Yxy	31.6377, 0.2228, 0.2077
Android (android.graphics.Color)	4285961712 (0xFF7695F0)
YUV	150.1050, 44.3182, -28.1561
Hunter-Lab	56.2474, 9.2966, -52.0752

Details

The Hex color **7695F0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0D176**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B0CBFF**, and **3963B7** is the 20% darker color. If you saturate the color by 10%, you get **5E83F0**, and if you desaturate by 10%, it is **8EA7F0**.

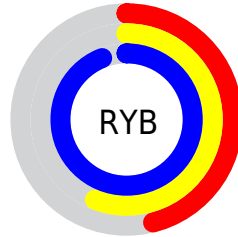
Distribution



Red (46%)

Green (58%)

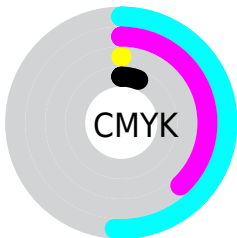
Blue (94%)



Red (46%)

Yellow (56%)

Blue (94%)

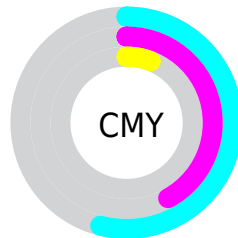


Cyan (51%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7695F0 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 7695F0 by changing the saturation by 10% instead.

 7695F0

 7695F0

FFFFFF

 597BD3

 B0CBFF

 3963B7

 CDE7FF

 0D4B9C

 EBFFFF

 003582

 002168

 000A4F

 000538

 000221

 000006

■ 7695F0

■ 7695F0

■ 5E83F0

■ 8EA7F0

■ 4671F0

■ A6B9F0

■ 2E5FF0

■ BECBF0

■ 164DF0

■ D6DDF0

■ 003DF0

■ EEEFF0

■ FFFFF0

Harmonies

Analogous

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



00A4F0



7695F0



BB83D8

Triad

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



7695F0



E27D59



00AE81

Complementary

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



7695F0



F0D176

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.



67A857



7695F0



C48F3E

Square

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



7695F0



ED7282



9B9E3C



00AFB0

Rectangle

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



7695F0



D778BE



9B9E3C



35AC72

Sweetspot

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



7695F0



D9E2FF



76F0CF



696E80



000000



808080

Same Dimension

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



7695F0



638BFF



9276F0



6C6F78



002FB8



000E38

Inverse Universe

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



F07695



FF638B



D4F076



786C6F



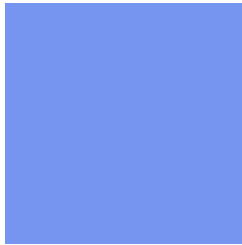
B8002F



38000E

Previews

White Background



This preview shows how the Hex color 7695F0 looks on a white background.

Color Contrast Check

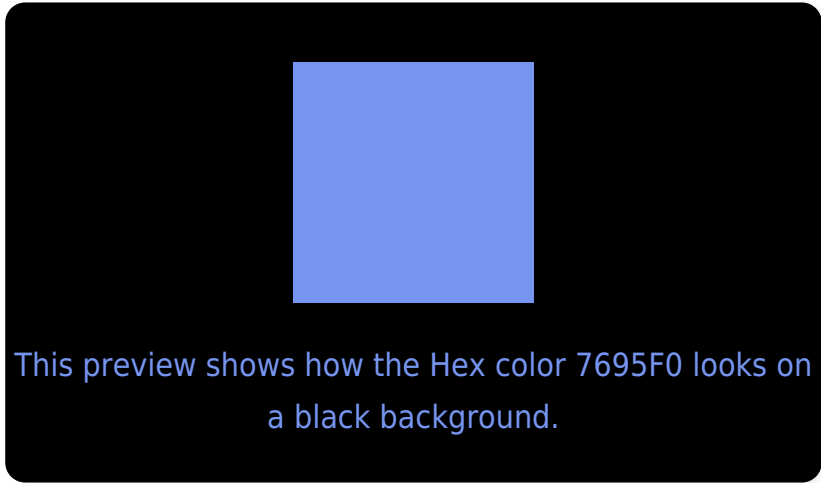
Large Text (above 18pt) WCAG AA × Fail

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

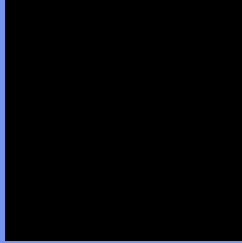
Any Text WCAG AA ✓ Pass

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 7695F0 Background



This preview shows how black text looks on a background with the Hex color 7695F0.



This preview shows how white text looks on a background with the Hex color 7695F0.

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



Original Color
7695F0

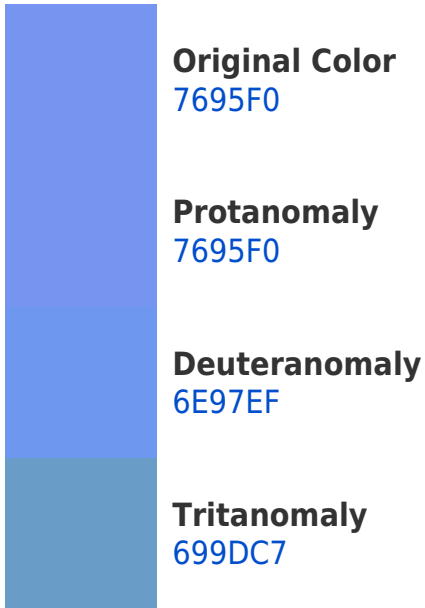
Protanopia
7695F0

Deuteranopia
6998EF



Tritanopia
61A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7695F0 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 #7695F0 looks like.

```
.text, #text, p{  
    color:#7695F0  
}
```

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 #7695F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7695F0
}
```

Border

The CSS property to change the border of an element to Hex 7695F0 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
#7695F0 }
```

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

```
.border{ border-color:#7695F0 }
```

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

Here you see how a box with a 4 pixel #7695F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7695F0; -webkit-box-shadow:4px 4px  
4px 4px #7695F0; box-shadow:4px 4px 4px  
4px #7695F0 }
```

Background

The CSS property to change the background color of an element to Hex 7695F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7695F0 }
```

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

```
.background{ background-color:#7695F0 }
```

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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