

Converting Colors

Hex(7696F8)

Have a look what the booklet for
Hex(7696F8) contains.

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Color

Hex(7696F8)

Conversions

Conversions Part 1

Format	Color
Hex	7696F8
RGB	118, 150, 248
RGB Percent	46%, 59%, 97%
CMY	0.5373, 0.4118, 0.0275
CMYK	0.52, 0.40, 0.00, 0.03
HSL	225°, 90%, 72%
HSV	225°, 52%, 97%
XYZ	35.3208, 32.4416, 93.2072
YIQ	151.6040, -50.5300, 23.6940

Conversions

Conversions Part 2

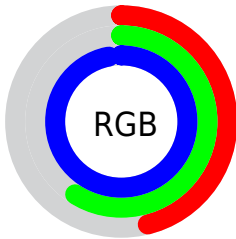
Format	Color
R _Y B	118, 144, 248
Decimal	7771896
CIE Lab	63.71, 15.91, -52.48
CIE LCh	64, 54.836, 286.870
Yxy	32.4416, 0.2194, 0.2015
Android (android.graphics.Color)	4285961976 (0xFF7696F8)
YUV	151.6040, 47.5232, -29.4707
Hunter-Lab	56.9575, 11.0169, -57.1539

Details

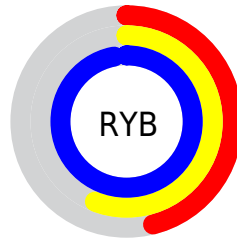
The Hex color **7696F8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8D876**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B1CCFF**, and **3764BF** is the 20% darker color. If you saturate the color by 10%, you get **5D83F8**, and if you desaturate by 10%, it is **8FA9F8**.

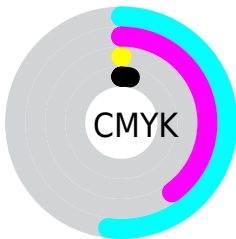
Distribution



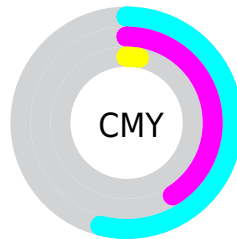
- Red (46%)
- Green (59%)
- Blue (97%)



- Red (46%)
- Yellow (56%)
- Blue (97%)



- Cyan (52%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)



- Cyan (54%)
- Magenta (41%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7696F8 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 7696F8 by changing the saturation by 10% instead.

 7696F8

 7696F8

FFFFFF

 587CDB

 B1CCFF

 3764BF

 CEE8FF

 024CA3

 ECFFFF

 003689

 00226F

 000C56

 00063E

 000327

 000110

■ 7696F8

■ 7696F8

■ 5D83F8

■ 8FA9F8

■ 4471F8

■ A8BBF8

■ 2C5EF8

■ C0CEF8

■ 134BF8

■ D9E1F8

■ 003DF8

■ F2F3F8

■ FFFFF8

Harmonies

Analogous

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



00A6F9



7696F8



C082DE

Triad

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



7696F8



E77D55



00B182

Complementary

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



7696F8



F8D876

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.



62AB54



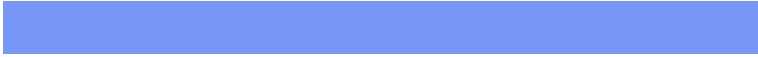
7696F8



C79037

Square

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



7696F8



F57081



9BA036



00B2B5

Rectangle

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



7696F8



DF76C2



9BA036



22B072

Sweetspot

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



7696F8



D6E0FF



76F8D7



676D80



000000



808080

Same Dimension

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



7696F8



5E86FF



9776F8



70747D



002EBD



000F3D

Inverse Universe

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



F87696



FF5E86



D7F876



7D7074



BD002E



3D000F

Previews

White Background



This preview shows how the Hex color 7696F8 looks on a white background.

Color Contrast Check

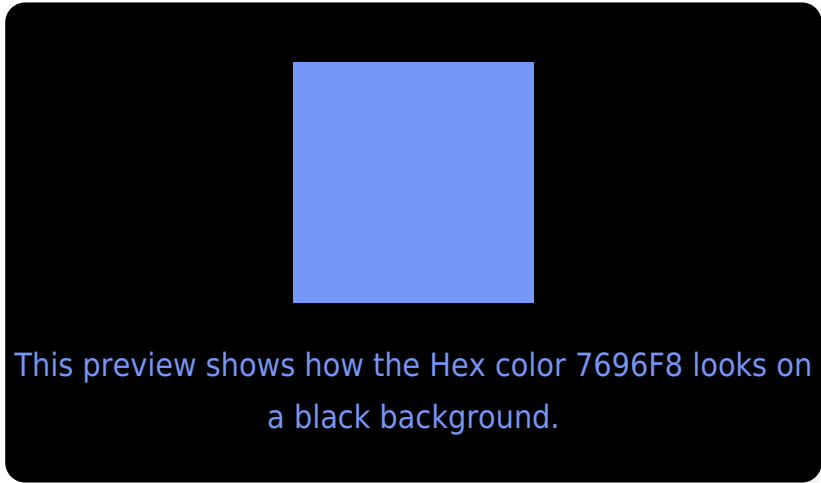
Large Text (above 18pt) WCAG AA × Fail

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

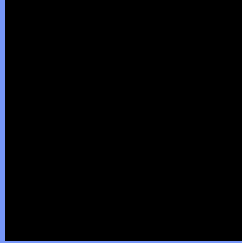
Any Text WCAG AA ✓ Pass

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 7696F8 Background



This preview shows how black text looks on a background with the Hex color 7696F8.



This preview shows how white text looks on a background with the Hex color 7696F8.

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](#).

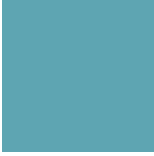
Dichromacy



Original Color
7696F8

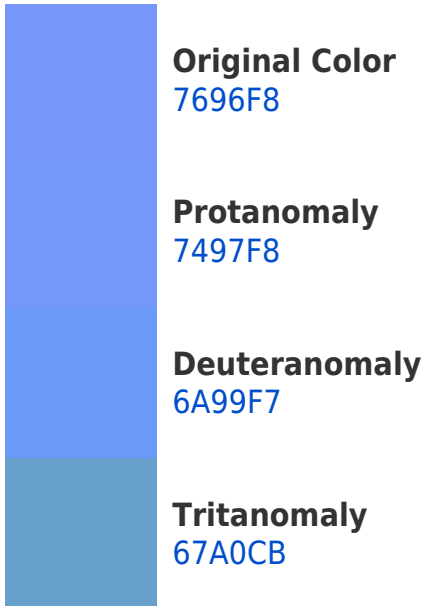
Protanopia
7397F8

Deuteranopia
639AF7



Tritanopia
5EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7696F8 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 #7696F8 looks like.

```
.text, #text, p{  
    color:#7696F8  
}
```

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 #7696F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7696F8  
}
```

Border

The CSS property to change the border of an element to Hex 7696F8 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  
#7696F8 }
```

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

```
.border{ border-color:#7696F8 }
```

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

Here you see how a box with a 4 pixel #7696F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7696F8; -webkit-box-shadow:4px 4px  
4px 4px #7696F8; box-shadow:4px 4px 4px  
4px #7696F8 }
```

Background

The CSS property to change the background color of an element to Hex 7696F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7696F8 }
```

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

```
.background{ background-color:#7696F8 }
```

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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