

Converting Colors

Hex(7995F2)

Have a look what the booklet for
Hex(7995F2) contains.

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Color

Hex(7995F2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7995F2 |
| RGB | 121, 149, 242 |
| RGB Percent | 47%, 58%, 95% |
| CMY | 0.5255, 0.4157, 0.0510 |
| CMYK | 0.50, 0.38, 0.00, 0.05 |
| HSL | 226°, 82%, 71% |
| HSV | 226°, 50%, 95% |
| XYZ | 34.6596, 31.9706, 88.3486 |
| YIQ | 151.2300, -46.5410, 22.9870 |

Conversions

Conversions Part 2

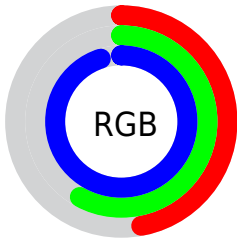
| Format | Color |
|-------------------------------------|---|
| RYB | 121, 144, 242 |
| Decimal | 7968242 |
| CIELab | 63.32, 15.33, -49.79 |
| CIELCh | 63, 52.091, 287.111 |
| Yxy | 31.9706, 0.2236, 0.2063 |
| Android (android.graphics.Color) | 4286158322 (0xFF7995F2) |
| YUV | 151.2300, 44.7496, -26.5117 |
| Hunter-Lab | 56.5426, 10.4678, -53.0616 |

Details

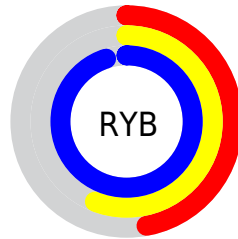
The Hex color **7995F2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2D679**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B3CBFF**, and **3D63B9** is the 20% darker color. If you saturate the color by 10%, you get **6182F2**, and if you desaturate by 10%, it is **91A8F2**.

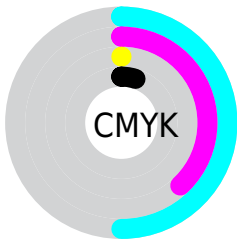
Distribution



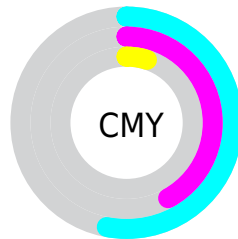
- Red (47%)
- Green (58%)
- Blue (95%)



- Red (47%)
- Yellow (56%)
- Blue (95%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7995F2 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 7995F2 by changing the saturation by 10% instead.

■ 7995F2

■ 7995F2

FFFFFF

■ 5C7BD5

■ B3CBFF

■ 3D63B9

■ D0E7FF

■ 154B9E

■ EEEFFF

■ 003583

■ 00216A

■ 000A51

■ 000539

■ 000223

■ 000009

 7995F2

 7995F2

 6182F2

 91A8F2

 4970F2

 A9BAF2

 305DF2

 C2CDF2

 184BF2

 DADFF2

 0038F2

 F2F2F2

 FFFFF2

Harmonies

Analogous

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



00A4F3



7995F2



BE82D9

Triad

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



7995F2



E37E57



00AF83

Complementary

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



7995F2



F2D679

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.



64A957



7995F2



C4903C

Square

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



7995F2



F07281



9A9F3B



00B0B3

Rectangle

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



7995F2



DB77BE



9A9F3B



2EAE73

Sweetspot

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



7995F2



D9E2FF



79F2D6



696E80



000000



808080

Same Dimension

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



7995F2



6689FF



9979F2



6C6F78



002AB8



000D38

Inverse Universe

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



F27995



FF6689



D2F279



786C6F



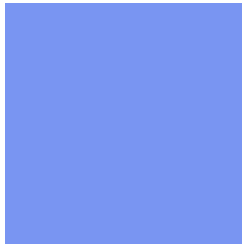
B8002A



38000D

Previews

White Background



This preview shows how the Hex color 7995F2 looks on a white background.

Color Contrast Check

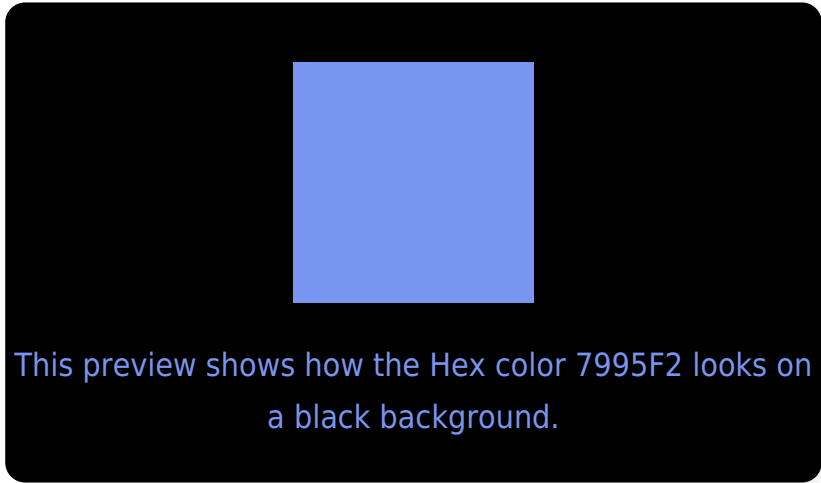
Large Text (above 18pt) WCAG AA × Fail

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

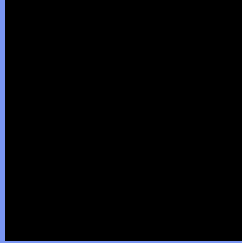
Any Text WCAG AA ✓ Pass

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 7995F2 Background



This preview shows how black text looks on a background with the Hex color 7995F2.



This preview shows how white text looks on a background with the Hex color 7995F2.

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
7995F2

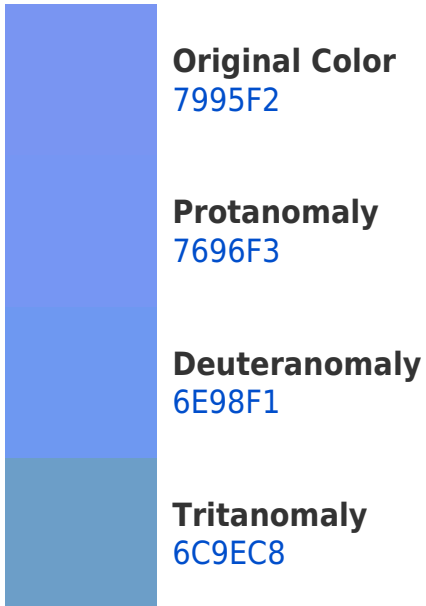
Protanopia
7596F3

Deuteranopia
6899F1

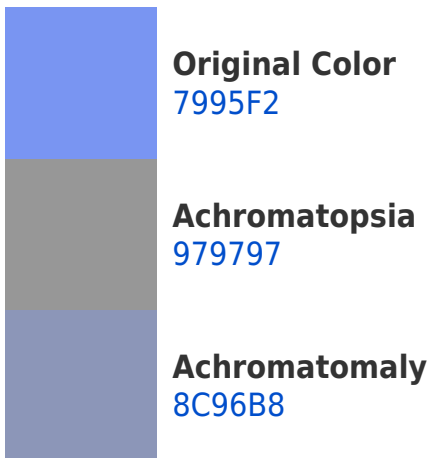


Tritanopia
64A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7995F2 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 #7995F2 looks like.

```
.text, #text, p{  
    color:#7995F2  
}
```

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 #7995F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7995F2
}
```

Border

The CSS property to change the border of an element to Hex 7995F2 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
#7995F2 }
```

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

```
.border{ border-color:#7995F2 }
```

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

Here you see how a box with a 4 pixel #7995F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7995F2; -webkit-box-shadow:4px 4px  
4px 4px #7995F2; box-shadow:4px 4px 4px  
4px #7995F2 }
```

Background

The CSS property to change the background color of an element to Hex 7995F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7995F2 }
```

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

```
.background{ background-color:#7995F2 }
```

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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