

Converting Colors

Hex(7894E0)

Have a look what the booklet for
Hex(7894E0) contains.

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Color

Hex(7894E0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7894E0 |
| RGB | 120, 148, 224 |
| RGB Percent | 47%, 58%, 88% |
| CMY | 0.5294, 0.4196, 0.1216 |
| CMYK | 0.46, 0.34, 0.00, 0.12 |
| HSL | 224°, 63%, 67% |
| HSV | 224°, 46%, 88% |
| XYZ | 31.7902, 30.5547, 74.7431 |
| YIQ | 148.2920, -41.0840, 17.7000 |

Conversions

Conversions Part 2

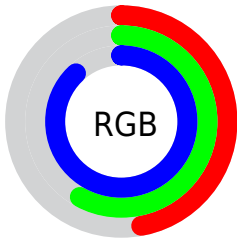
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 120, 142, 224 |
| Decimal | 7902432 |
| CIE Lab | 62.13, 10.31, -41.72 |
| CIE LCh | 62, 42.975, 283.876 |
| Yxy | 30.5547, 0.2319, 0.2229 |
| Android (android.graphics.Color) | 4286092512 (0xFF7894E0) |
| YUV | 148.2920, 37.3240, -24.8121 |
| Hunter-Lab | 55.2763, 5.9243, -41.4769 |

Details

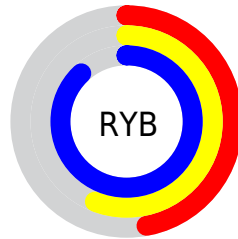
The Hex color **7894E0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E0C478**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B1CAFF**, and **3F62A8** is the 20% darker color. If you saturate the color by 10%, you get **6284E0**, and if you desaturate by 10%, it is **8EA4E0**.

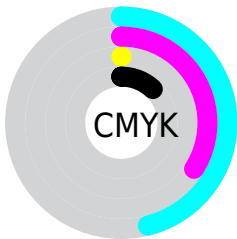
Distribution



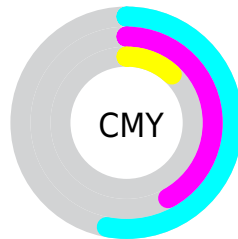
- Red (47%)
- Green (58%)
- Blue (88%)



- Red (47%)
- Yellow (56%)
- Blue (88%)



- Cyan (46%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7894E0 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 7894E0 by changing the saturation by 10% instead.

 7894E0

 7894E0

FFFFFF

 5C7AC4

 B1CAFF

 3F62A8

 CDE6FF

 1E4A8E

 EBFFFF

 003474

 00205B

 000743

 00032C

 000116

 000000

■ 7894E0

■ 7894E0

■ 6284E0

■ 8EA4E0

■ 4B73E0

■ A5B5E0

■ 3563E0

■ BBC5E0

■ 1E53E0

■ D2D5E0

■ 0842E0

■ E8E6E0

■ 003CE0

■ FEF6E0

■ FFFFE0

Harmonies

Analogous

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



0FA0DF



7894E0



B085CD

Triad

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



7894E0



D77F63



39A880

Complementary

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



7894E0



E0C478

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.



72A35D



7894E0



BF8D4C

Square

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



7894E0



DF7786



9C9A4A



00AAA7

Rectangle

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



7894E0



C97DB8



9C9A4A



4FA773

Sweetspot

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



7894E0



DBE5FF



78E0C3



6A7080



000000



808080

Same Dimension

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



7894E0



7097FF



8F78E0



656870



002FB0



000D30

Inverse Universe

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



E07894



FF7097



C9E078



706568



B0002F



30000D

Previews

White Background



This preview shows how the Hex color 7894E0 looks on a white background.

Color Contrast Check

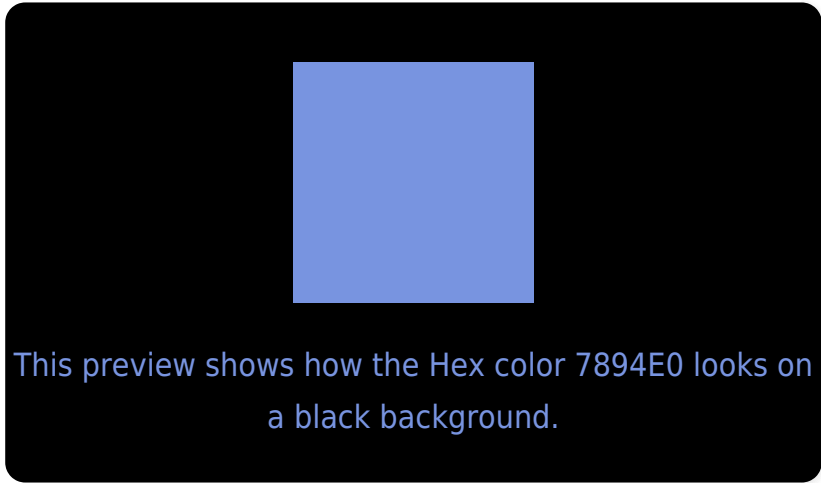
Large Text (above 18pt) WCAG AA × Fail

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

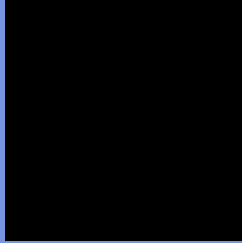
Any Text WCAG AA ✓ Pass

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 7894E0 Background



This preview shows how black text looks on a background with the Hex color 7894E0.

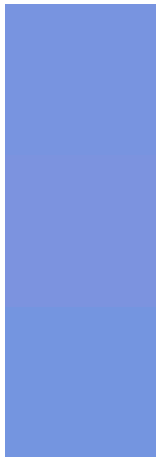


This preview shows how white text looks on a background with the Hex color 7894E0.

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

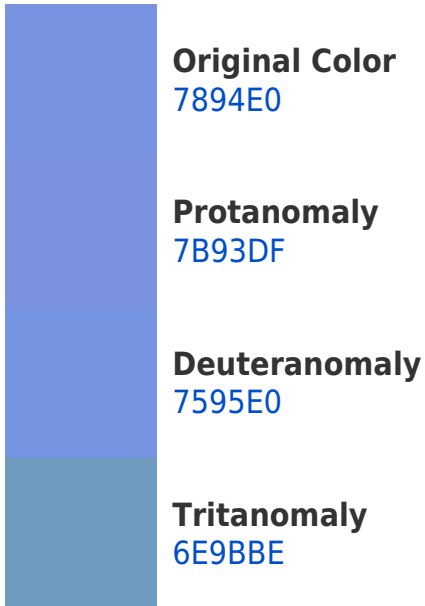


Original Color
7894E0

Protanopia
7C93DF

Deuteranopia
7495E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7894E0 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 #7894E0 looks like.

```
.text, #text, p{  
    color:#7894E0  
}
```

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 #7894E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7894E0
}
```

Border

The CSS property to change the border of an element to Hex 7894E0 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
#7894E0 }
```

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

```
.border{ border-color:#7894E0 }
```

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

Here you see how a box with a 4 pixel #7894E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7894E0; -webkit-box-shadow:4px 4px  
4px 4px #7894E0; box-shadow:4px 4px 4px  
4px #7894E0 }
```

Background

The CSS property to change the background color of an element to Hex 7894E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7894E0 }
```

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

```
.background{ background-color:#7894E0 }
```

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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