

Converting Colors

Hex(7995E0)

Have a look what the booklet for
Hex(7995E0) contains.

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Color

Hex(7995E0)

Conversions

Conversions Part 1

Format	Color
Hex	7995E0
RGB	121, 149, 224
RGB Percent	47%, 58%, 88%
CMY	0.5255, 0.4157, 0.1216
CMYK	0.46, 0.33, 0.00, 0.12
HSL	224°, 62%, 68%
HSV	224°, 46%, 88%
XYZ	32.0871, 30.9417, 74.8022
YIQ	149.1780, -40.7630, 17.3890

Conversions

Conversions Part 2

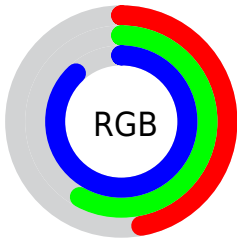
Format	Color
RYB	121, 143, 224
Decimal	7968224
CIELab	62.46, 9.97, -41.20
CIElCh	62, 42.390, 283.601
Yxy	30.9417, 0.2328, 0.2245
Android (android.graphics.Color)	4286158304 (0xFF7995E0)
YUV	149.1780, 36.8872, -24.7121
Hunter-Lab	55.6252, 5.6227, -40.7927

Details

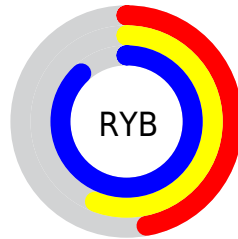
The Hex color **7995E0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E0C479**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B1CBFF**, and **4063A8** is the 20% darker color. If you saturate the color by 10%, you get **6385E0**, and if you desaturate by 10%, it is **8FA5E0**.

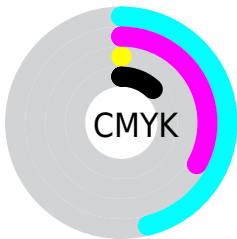
Distribution



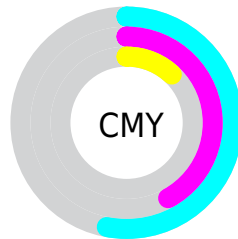
- Red (47%)
- Green (58%)
- Blue (88%)



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



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7995E0 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 7995E0 by changing the saturation by 10% instead.

 7995E0

 7995E0

FFFFFF

 5D7BC4

 B1CBFF

 4063A8

 CEE7FF

 204B8E

 ECFFFF

 003574

 00205B

 000843

 00032C

 000116

 000000

 7995E0

 7995E0

 6385E0

 8FA5E0

 4C74E0

 A6B6E0

 3664E0

 BCC6E0

 1F54E0

 D3D6E0

 0943E0

 E9E7E0

 003DE0

 FFF7E0

 FFFFE0

Harmonies

Analogous

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



1AA1DF



7995E0



B087CE

Triad

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



7995E0



D78065



3DA981

Complementary

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



7995E0



E0C479

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.



74A45F



7995E0



C08E4E

Square

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



7995E0



DF7887



9D9A4C



00ABA7

Rectangle

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



7995E0



CA7EB9



9D9A4C



52A874

Sweetspot

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



7995E0



DBE5FF



79E0C3



6A7080



000000



808080

Same Dimension

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



7995E0



7399FF



8F79E0



656870



0030B0



000D30

Inverse Universe

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



E07995



FF7399



CAE079



706568



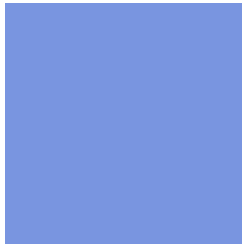
B00030



30000D

Previews

White Background



This preview shows how the Hex color 7995E0 looks on a white background.

Color Contrast Check

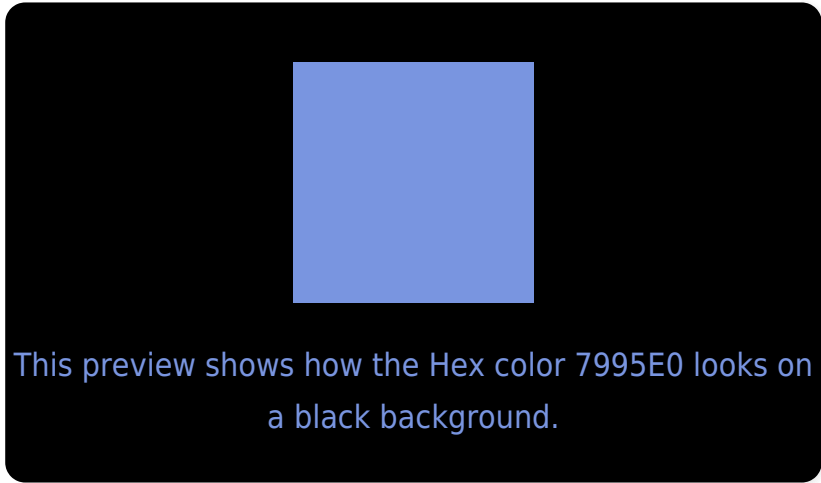
Large Text (above 18pt) WCAG AA × Fail

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

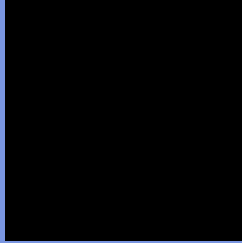
Any Text WCAG AA ✓ Pass

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 7995E0 Background



This preview shows how black text looks on a background with the Hex color 7995E0.



This preview shows how white text looks on a background with the Hex color 7995E0.

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

7995E0

Protanopia

7D94DF

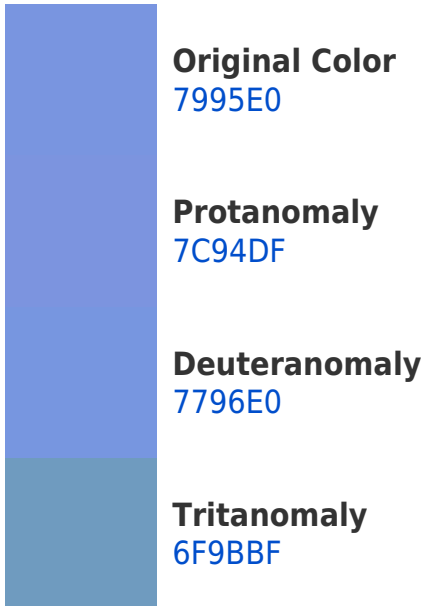
Deuteranopia

7696E0

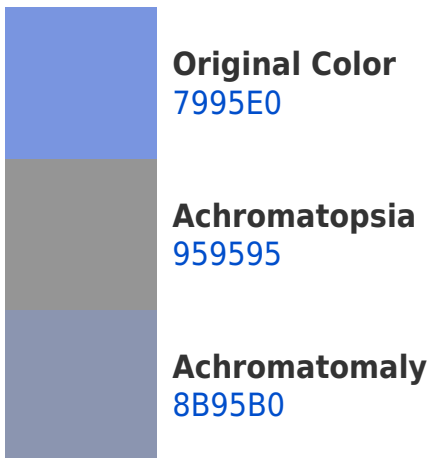


Tritanopia
6A9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7995E0 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 #7995E0 looks like.

```
.text, #text, p{  
    color:#7995E0  
}
```

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 #7995E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7995E0
}
```

Border

The CSS property to change the border of an element to Hex 7995E0 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
#7995E0 }
```

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

```
.border{ border-color:#7995E0 }
```

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

Here you see how a box with a 4 pixel #7995E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7995E0; -webkit-box-shadow:4px 4px  
4px 4px #7995E0; box-shadow:4px 4px 4px  
4px #7995E0 }
```

Background

The CSS property to change the background color of an element to Hex 7995E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7995E0 }
```

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

```
.background{ background-color:#7995E0 }
```

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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