

Converting Colors

Hex(0794E3)

Have a look what the booklet for
Hex(0794E3) contains.

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Color

Hex(0794E3)

Conversions

Conversions Part 1

Format	Color
Hex	0794E3
RGB	7, 148, 227
RGB Percent	3%, 58%, 89%
CMY	0.9725, 0.4196, 0.1098
CMYK	0.97, 0.35, 0.00, 0.11
HSL	202°, 94%, 46%
HSV	202°, 97%, 89%
XYZ	24.5427, 26.7710, 76.5468
YIQ	114.8470, -109.3950, -5.3230

Conversions

Conversions Part 2

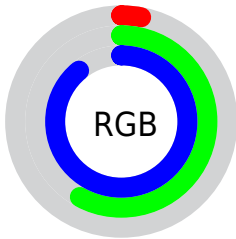
Format	Color
RYB	7, 93, 227
Decimal	496867
CIELab	58.76, -3.86, -48.94
CIELCh	59, 49.088, 265.495
Yxy	26.7710, 0.1919, 0.2094
Android (android.graphics.Color)	4278686947 (0xFF0794E3)
YUV	114.8470, 55.2914, -94.5818
Hunter-Lab	51.7407, -5.8767, -51.4969

Details

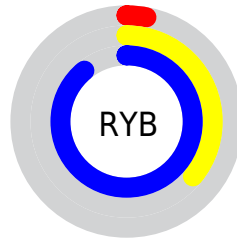
The Hex color **0794E3** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E35607**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6ACAFF**, and **0062AB** is the 20% darker color. If you saturate the color by 10%, you get **0091E3**, and if you desaturate by 10%, it is **1E9CE3**.

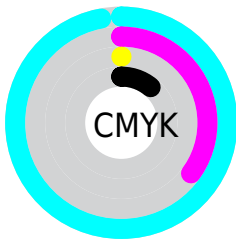
Distribution



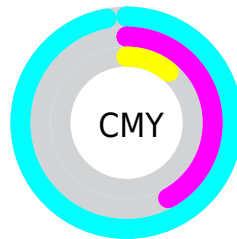
- Red (3%)
- Green (58%)
- Blue (89%)



- Red (3%)
- Yellow (36%)
- Blue (89%)



- Cyan (97%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (97%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0794E3 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 0794E3 by changing the saturation by 10% instead.

 0794E3

 0794E3

FFFFFF

 007AC7

 6ACAFF

 0062AB

 8BE6FF

 004A90

 ABFFFF

 003476

 CAFFFF

 00205D

 E9FFFF

 000845

 00032E

 000118

 000000

■ 0794E3

■ 0794E3

■ 0091E3

■ 1E9CE3

■ 34A4E3

■ 4BACE3

■ 62B5E3

■ 79BDE3

■ 8FC5E3

■ A6CDE3

■ BDD5E3

■ D3DDE3

Harmonies

Analogous

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



009ED4



0794E3



8585DB

Triad

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



0794E3



DC6B6B



4B9E5B

Complementary

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



0794E3



E35607

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.



81963B



0794E3



CB7947

Square

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



0794E3



D86896



AB8933



00A285

Rectangle

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



0794E3



AD79CA



AB8933



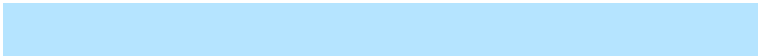
5F9C4E

Sweetspot

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



0794E3



B5E4FF



07E354



536F80



000000



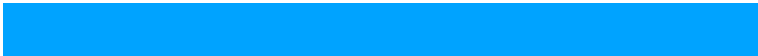
808080

Same Dimension

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



0794E3



00A3FF



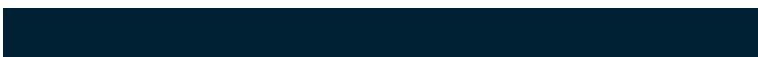
0728E3



676F73



0072B3



002133

Inverse Universe

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



E30794



FF00A3



E3C207



73676F



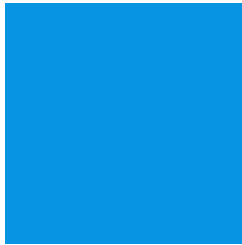
B30072



330021

Previews

White Background



This preview shows how the Hex color 0794E3 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 0794E3 looks on a 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0794E3 Background



This preview shows how black text looks on a background with the Hex color 0794E3.

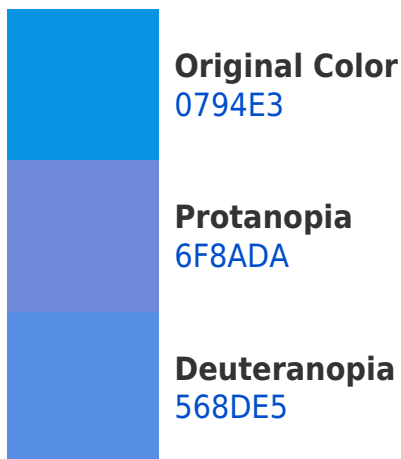


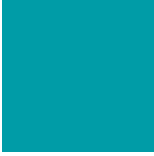
This preview shows how white text looks on a background with the Hex color 0794E3.

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](#).

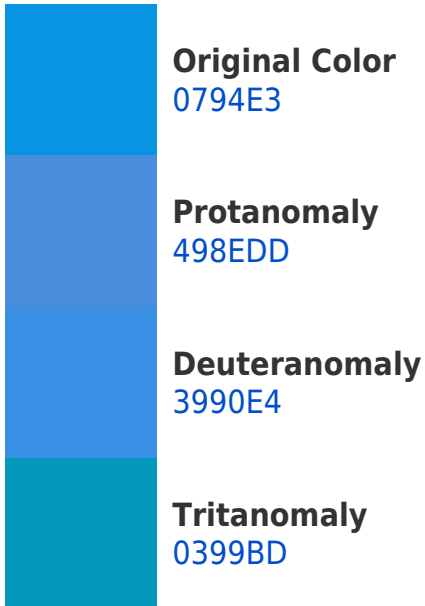
Dichromacy





Tritanopia
009CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0794E3 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 #0794E3 looks like.

```
.text, #text, p{  
    color:#0794E3  
}
```

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 #0794E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0794E3
}
```

Border

The CSS property to change the border of an element to Hex 0794E3 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
#0794E3 }
```

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

```
.border{ border-color:#0794E3 }
```

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

Here you see how a box with a 4 pixel #0794E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0794E3; -webkit-box-shadow:4px 4px  
4px 4px #0794E3; box-shadow:4px 4px 4px  
4px #0794E3 }
```

Background

The CSS property to change the background color of an element to Hex 0794E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0794E3 }
```

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

```
.background{ background-color:#0794E3 }
```

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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