

Converting Colors

Hex(6793EA)

Have a look what the booklet for
Hex(6793EA) contains.

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Color

Hex(6793EA)

Conversions

Conversions Part 1

Format	Color
Hex	6793EA
RGB	103, 147, 234
RGB Percent	40%, 58%, 92%
CMY	0.5961, 0.4235, 0.0824
CMYK	0.56, 0.37, 0.00, 0.08
HSL	220°, 76%, 66%
HSV	220°, 56%, 92%
XYZ	30.8785, 29.6915, 81.9455
YIQ	143.7620, -54.1510, 17.7290

Conversions

Conversions Part 2

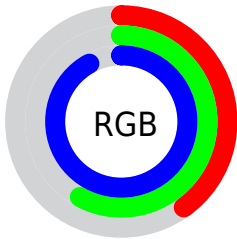
Format	Color
RYB	103, 136, 234
Decimal	6788074
CIELab	61.39, 10.16, -48.50
CIELCh	61, 49.548, 281.831
Yxy	29.6915, 0.2167, 0.2083
Android (android.graphics.Color)	4284978154 (0xFF6793EA)
YUV	143.7620, 44.4873, -35.7483
Hunter-Lab	54.4899, 5.7956, -51.0212

Details

The Hex color **6793EA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EABE67**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A2C9FF**, and **2361B2** is the 20% darker color. If you saturate the color by 10%, you get **5083EA**, and if you desaturate by 10%, it is **7EA3EA**.

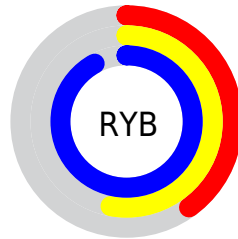
Distribution



Red (40%)

Green (58%)

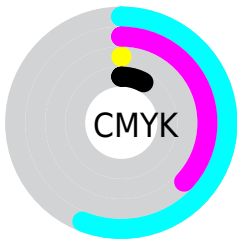
Blue (92%)



Red (40%)

Yellow (53%)

Blue (92%)

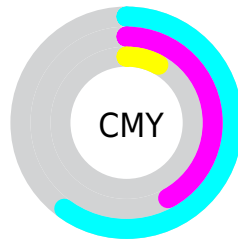


Cyan (56%)

Magenta (37%)

Yellow (0%)

Black (8%)



Cyan (60%)

Magenta (42%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6793EA 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 6793EA by changing the saturation by 10% instead.

 6793EA

 6793EA

FFFFFF

 4879CE

 A2C9FF

 2361B2

 BFE5FF

 004A97

 DDFFFF

 00347C

 FBFFFF

 002063

 00064B

 000433

 00021D

 000000

■ 6793EA

■ 6793EA

■ 5083EA

■ 7EA3EA

■ 3874EA

■ 96B2EA

■ 2164EA

■ ADC2EA

■ 0955EA

■ C5D1EA

■ 004FEA

■ DCE1EA

■ F3F0EA

■ FFFFEA

Harmonies

Analogous

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



00A0E7



6793EA



AE82D6

Triad

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



6793EA



DE785C



1CA877

Complementary

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



6793EA



EABE67

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.



6CA250



6793EA



C3883F

Square

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



6793EA



E66E84



9D973A



00AAA5

Rectangle

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



6793EA



CC77BE



9D973A



41A769

Sweetspot

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



6793EA



D4E2FF



67EABC



666F80



000000



808080

Same Dimension

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



6793EA



548EFF



7B67EA



6A6E75



003DB5



001236

Inverse Universe

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



EA6793



FF548E



D6EA67



756A6E



B5003D



360012

Previews

White Background



This preview shows how the Hex color 6793EA looks on a white background.

Color Contrast Check

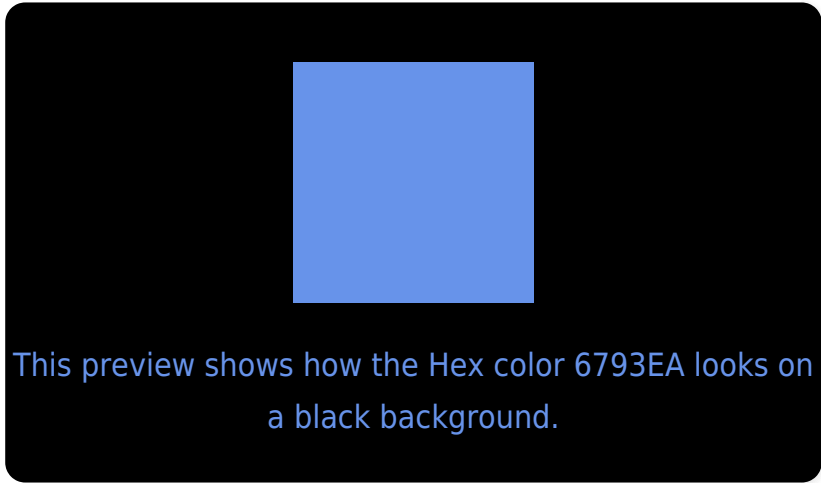
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

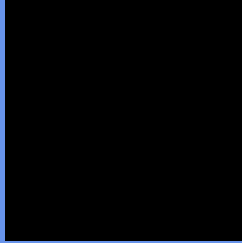
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

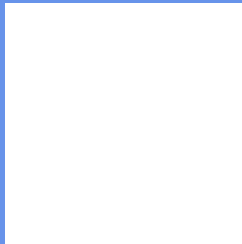
Any Text WCAG AAA × Fail

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

Hex 6793EA Background



This preview shows how black text looks on a background with the Hex color 6793EA.



This preview shows how white text looks on a background with the Hex color 6793EA.

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
6793EA

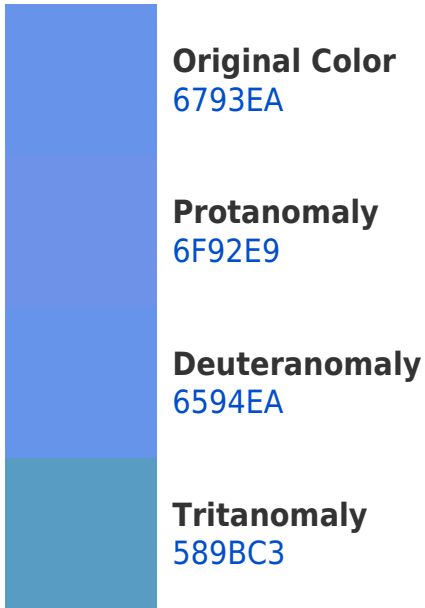
Protanopia
7391E8

Deuteranopia
6494EA

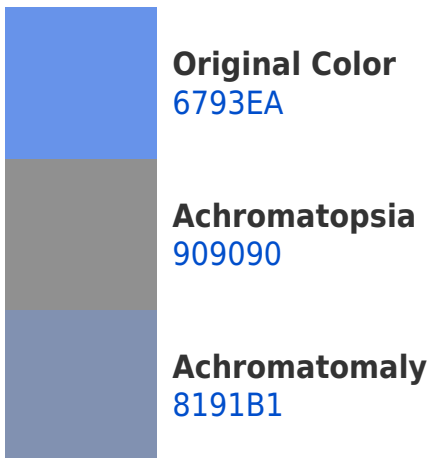


Tritanopia
4FA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6793EA 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 #6793EA looks like.

```
.text, #text, p{  
    color:#6793EA  
}
```

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 #6793EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6793EA
}
```

Border

The CSS property to change the border of an element to Hex 6793EA 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
#6793EA }
```

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

```
.border{ border-color:#6793EA }
```

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

Here you see how a box with a 4 pixel #6793EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6793EA; -webkit-box-shadow:4px 4px  
4px 4px #6793EA; box-shadow:4px 4px 4px  
4px #6793EA }
```

Background

The CSS property to change the background color of an element to Hex 6793EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6793EA }
```

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

```
.background{ background-color:#6793EA }
```

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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