

Converting Colors

Hex(7493E7)

Have a look what the booklet for
Hex(7493E7) contains.

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Color

Hex(7493E7)

Conversions

Conversions Part 1

Format	Color
Hex	7493E7
RGB	116, 147, 231
RGB Percent	45%, 58%, 91%
CMY	0.5451, 0.4235, 0.0941
CMYK	0.50, 0.36, 0.00, 0.09
HSL	224°, 71%, 68%
HSV	224°, 50%, 91%
XYZ	32.0600, 30.3500, 79.7697
YIQ	147.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

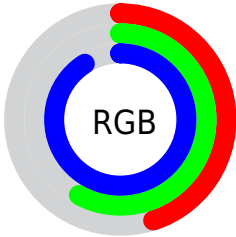
Format	Color
R _Y B	116, 140, 231
Decimal	7640039
CIE Lab	61.96, 12.04, -45.89
CIE LCh	62, 47.445, 284.700
Yxy	30.3500, 0.2255, 0.2135
Android (android.graphics.Color)	4285830119 (0xFF7493E7)
YUV	147.3070, 41.2606, -27.4562
Hunter-Lab	55.0908, 7.4688, -47.2864

Details

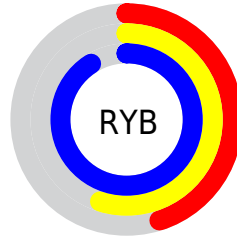
The Hex color **7493E7** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E7C874**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ADC9FF**, and **3961AF** is the 20% darker color. If you saturate the color by 10%, you get **5D82E7**, and if you desaturate by 10%, it is **8BA4E7**.

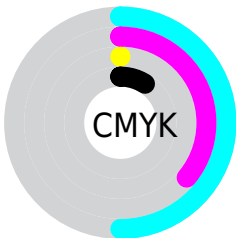
Distribution



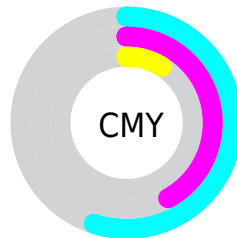
- Red (45%)
- Green (58%)
- Blue (91%)



- Red (45%)
- Yellow (55%)
- Blue (91%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7493E7 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 7493E7 by changing the saturation by 10% instead.

 7493E7

 7493E7

FFFFFF

 5779CB

 ADC9FF

 3961AF

 CAE5FF

 104994

 E8FFFF

 00337A

 001F60

 000648

 000431

 00011B

 000000

■ 7493E7

■ 7493E7

■ 5D82E7

■ 8BA4E7

■ 4671E7

■ A2B5E7

■ 2F60E7

■ B9C6E7

■ 1850E7

■ D0D6E7

■ 003FE7

■ E7E7E7

■ 003EE7

■ FFF8E7

■ FFFE7

Harmonies

Analogous

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



00A0E6



7493E7



B382D2

Triad

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



7493E7



DB7C5C



1EAA7E

Complementary

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



7493E7



E7C874

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.



6BA458



7493E7



C08C43

Square

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



7493E7



E57283



9A9A41



00ABAA

Rectangle

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



7493E7



CF78BA



9A9A41



41A870

Sweetspot

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



7493E7



D9E3FF



74E7C6



696F80



000000



808080

Same Dimension

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



7493E7



668FFF



8D74E7



676A73



0030B3



000E33

Inverse Universe

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



E77493



FF668F



CEE774



73676A



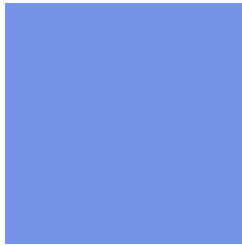
B30030



33000E

Previews

White Background



This preview shows how the Hex color 7493E7 looks on a white background.

Color Contrast Check

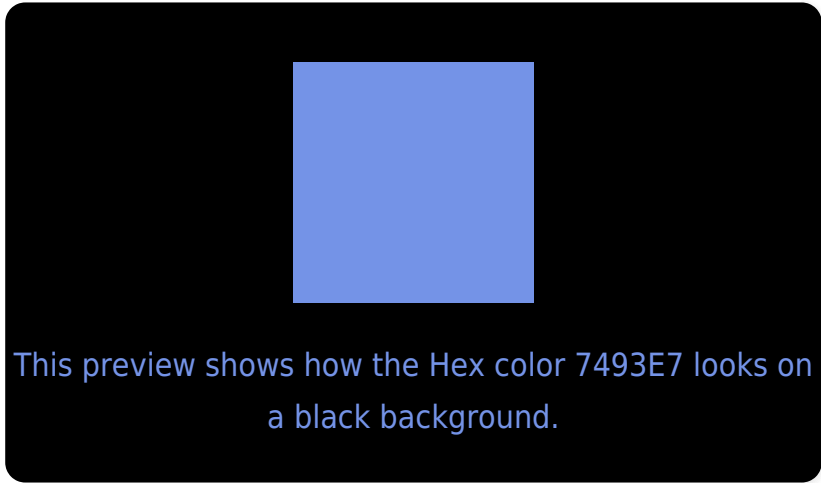
Large Text (above 18pt) WCAG AA × Fail

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

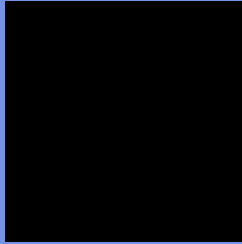
Any Text WCAG AA ✓ Pass

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 7493E7 Background



This preview shows how black text looks on a background with the Hex color 7493E7.

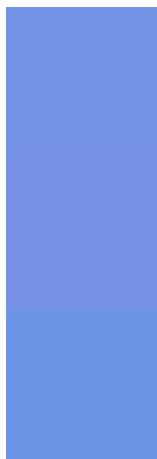


This preview shows how white text looks on a background with the Hex color 7493E7.

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

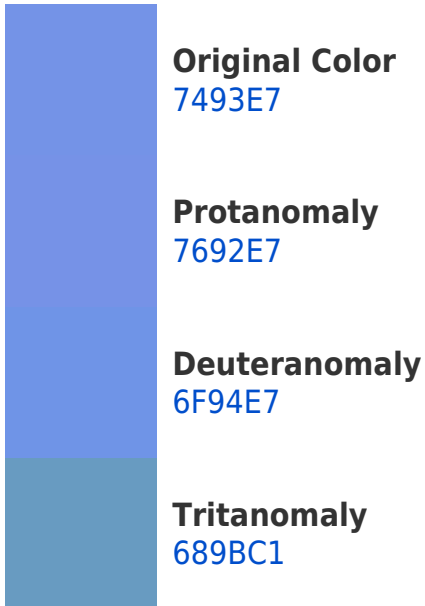


Original Color
7493E7

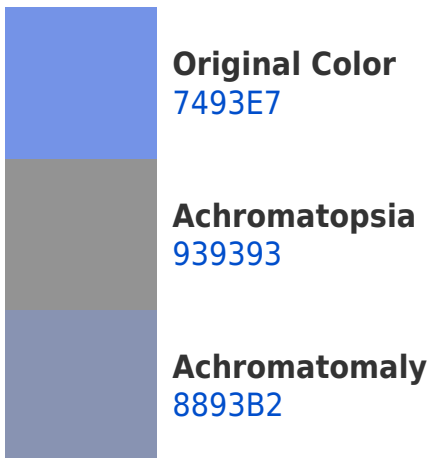
Protanopia
7792E7

Deuteranopia
6C95E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7493E7 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 #7493E7 looks like.

```
.text, #text, p{  
    color:#7493E7  
}
```

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 #7493E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7493E7
}
```

Border

The CSS property to change the border of an element to Hex 7493E7 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
#7493E7 }
```

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

```
.border{ border-color:#7493E7 }
```

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

Here you see how a box with a 4 pixel #7493E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7493E7; -webkit-box-shadow:4px 4px  
4px 4px #7493E7; box-shadow:4px 4px 4px  
4px #7493E7 }
```

Background

The CSS property to change the background color of an element to Hex 7493E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7493E7 }
```

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

```
.background{ background-color:#7493E7 }
```

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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