

# Converting Colors

Hex(7499E3)

Have a look what the booklet for  
Hex(7499E3) contains.

<b>Hex(7499E3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7499E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7499E3
RGB	116, 153, 227
RGB Percent	45%, 60%, 89%
CMY	0.5451, 0.4000, 0.1098
CMYK	0.49, 0.33, 0.00, 0.11
HSL	220°, 66%, 67%
HSV	220°, 49%, 89%
XYZ	32.4588, 32.0415, 77.1469
YIQ	150.3730, -45.8060, 15.1700

# Conversions

## Conversions Part 2

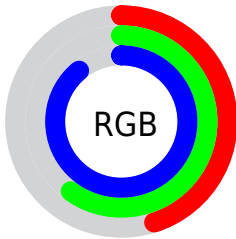
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 144, 227
Decimal	7641571
CIE Lab	63.38, 7.35, -41.44
CIE LCh	63, 42.088, 280.053
Yxy	32.0415, 0.2292, 0.2262
Android (android.graphics.Color)	4285831651 (0xFF7499E3)
YUV	150.3730, 37.7771, -30.1451
Hunter-Lab	56.6052, 3.2971, -41.1823

# Details

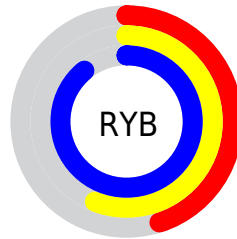
The Hex color **7499E3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E3BE74**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADCFFF**, and **3A66AB** is the 20% darker color. If you saturate the color by 10%, you get **5D8AE3**, and if you desaturate by 10%, it is **8BA8E3**.

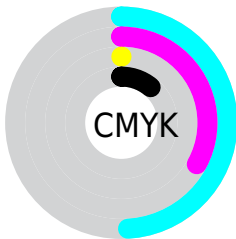
# Distribution



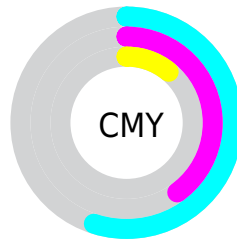
- Red (45%)
- Green (60%)
- Blue (89%)



- Red (45%)
- Yellow (56%)
- Blue (89%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (40%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7499E3 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 7499E3 by changing the saturation by 10% instead.



 7499E3

 7499E3

FFFFFF

 577FC7

 ADCFFF

 3A66AB

 CAEBFF

 144F90

 E7FFFF

 003876

 00235D

 000D45

 00042E

 000119

 000000

■ 7499E3

■ 7499E3

■ 5D8AE3

■ 8BA8E3

■ 477BE3

■ A1B7E3

■ 306CE3

■ B8C6E3

■ 195CE3

■ CFD6E3

■ 034DE3

■ E5E5E3

■ 004CE3

■ FCF4E3

■ FFFE3

# Harmonies

## Analogous

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



09A4DF



7499E3



AD8BD3

# Triad

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



7499E3



DB826B



48AB7F

# Complementary

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



7499E3



E3BE74

# 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.



7CA55E



7499E3



C58E53

# Square

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



7499E3



E17B8E



A49B4E



00ADA5

# Rectangle

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



7499E3



C882BF



A49B4E



5BAA73



# Sweetspot

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



7499E3



D9E5FF



74E3BE



697080



000000



808080

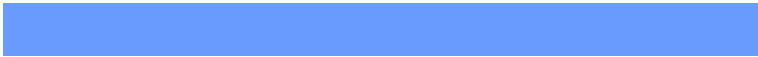


# Same Dimension

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



7499E3



699BFF



8674E3



676B73



003BB3



001133



# Inverse Universe

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



E37499



FF699B



D0E374



73676B



B3003B

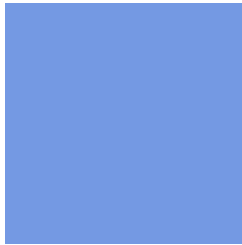


330011



# Previews

## White Background



This preview shows how the Hex color 7499E3 looks on a white background.

## Color Contrast Check

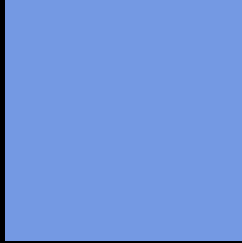
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7499E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

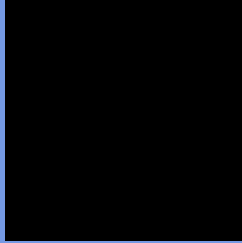
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

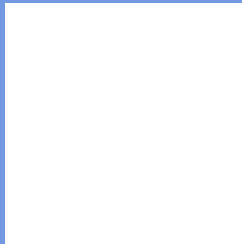
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7499E3 Background



This preview shows how black text looks on a background with the Hex color 7499E3.



This preview shows how white text looks on a background with the Hex color 7499E3.

# 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](#).

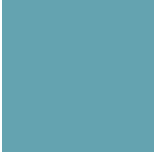
## Dichromacy



**Original Color**  
7499E3

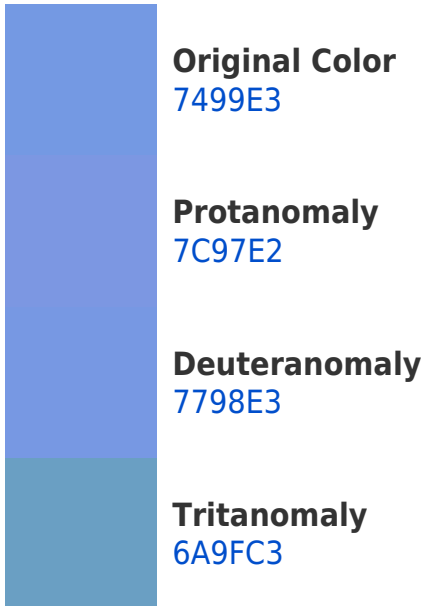
**Protanopia**  
8096E1

**Deuteranopia**  
7898E3



**Tritanopia**  
64A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7499E3 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 #7499E3 looks like.

```
.text, #text, p{  
    color:#7499E3  
}
```

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 #7499E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7499E3
}
```

## Border

The CSS property to change the border of an element to Hex 7499E3 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
#7499E3 }
```

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

```
.border{ border-color:#7499E3 }
```

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

Here you see how a box with a 4 pixel #7499E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7499E3; -webkit-box-shadow:4px 4px  
4px 4px #7499E3; box-shadow:4px 4px 4px  
4px #7499E3 }
```

# Background

The CSS property to change the background color of an element to Hex 7499E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7499E3 }
```

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

```
.background{ background-color:#7499E3 }
```

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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