

# Converting Colors

Hex(4690E1)

Have a look what the booklet for  
Hex(4690E1) contains.

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# **Color**

**Hex(4690E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4690E1
RGB	70, 144, 225
RGB Percent	27%, 56%, 88%
CMY	0.7255, 0.4353, 0.1176
CMYK	0.69, 0.36, 0.00, 0.12
HSL	211°, 72%, 58%
HSV	211°, 69%, 88%
XYZ	26.0897, 26.6849, 75.0098
YIQ	131.1080, -70.1050, 9.5030

# Conversions

## Conversions Part 2

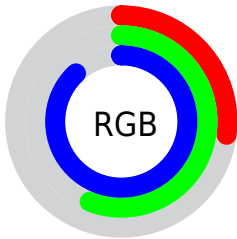
Format	Color
<a href="#">RYB</a>	<a href="#">70, 120, 225</a>
Decimal	<a href="#">4624609</a>
CIELab	<a href="#">58.68, 3.04, -47.88</a>
CIELCh	<a href="#">59, 47.973, 273.639</a>
Yxy	<a href="#">26.6849, 0.2042, 0.2088</a>
Android (android.graphics.Color)	<a href="#">4282814689 (0xFF4690E1)</a>
YUV	<a href="#">131.1080, 46.2888, -53.5917</a>
Hunter-Lab	<a href="#">51.6574, -0.2487, -49.9327</a>

# Details

The Hex color **4690E1** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E19746**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **86C5FF**, and **005EA9** is the 20% darker color. If you saturate the color by 10%, you get **3084E1**, and if you desaturate by 10%, it is **5D9CE1**.

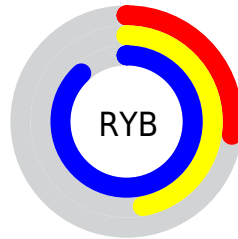
# Distribution



Red (27%)

Green (56%)

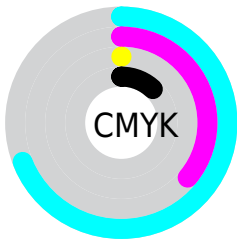
Blue (88%)



Red (27%)

Yellow (47%)

Blue (88%)

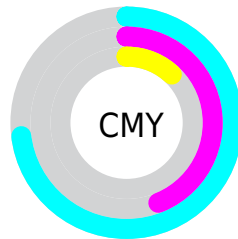


Cyan (69%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (44%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4690E1 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 4690E1 by changing the saturation by 10% instead.



 4690E1

 4690E1

FFFFFF

 1A77C5

 86C5FF

 005EA9

 A4E1FF

 00478E

 C2FEFF

 003174

 E0FFFF

 001D5B

 000743

 00032C

 000116

 000000

■ 4690E1

■ 4690E1

■ 3084E1

■ 5D9CE1

■ 1978E1

■ 73A8E1

■ 036DE1

■ 8AB3E1

■ 006BE1

■ A0BFE1

■ B7CBE1

■ CDD7E1

■ E3E2E1

■ FAEEE1

■ FFFAE1

# Harmonies

## Analogous

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



009BD8



4690E1



9680D3

# Triad

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



4690E1



D86F61



399F66

# Complementary

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



4690E1



E19746

# 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.



759844



4690E1



C37D41

# Square

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



4690E1



DA688A



A08D35



00A291

# Rectangle

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



4690E1



B875C0



A08D35



519D59

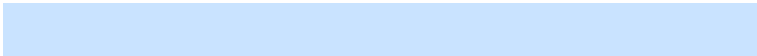


# Sweetspot

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



4690E1



C9E3FF



46E196



606F80



000000



808080



# Same Dimension

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



4690E1



2B90FF



4946E1



656A70



0054B0



001730



# Inverse Universe

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



E14690



FF2B90



DEE146



70656A



B00054

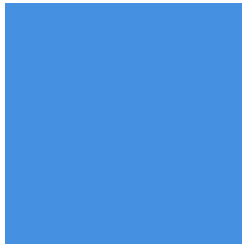


300017



# Previews

## White Background



This preview shows how the Hex color 4690E1 looks on a white background.

## Color Contrast Check

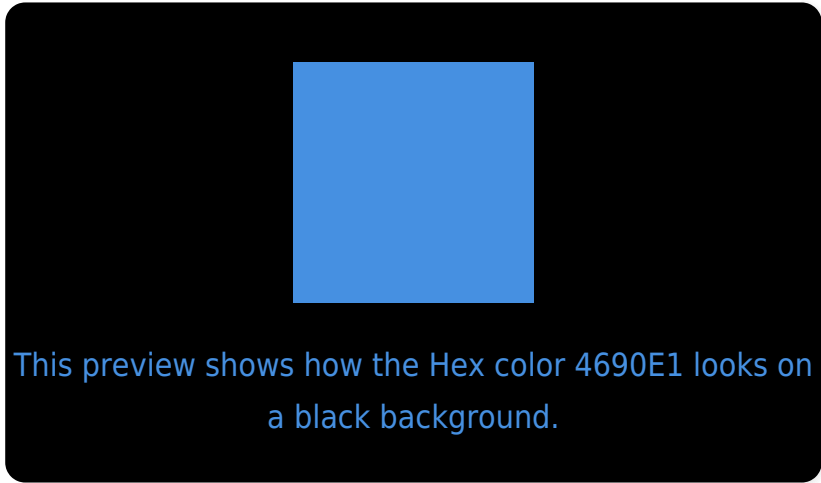
Large Text (above 18pt) WCAG AA ✓ Pass

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

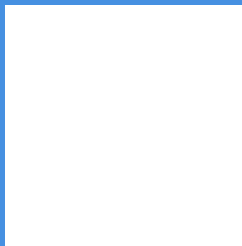
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4690E1 Background



This preview shows how black text looks on a background with the Hex color 4690E1.

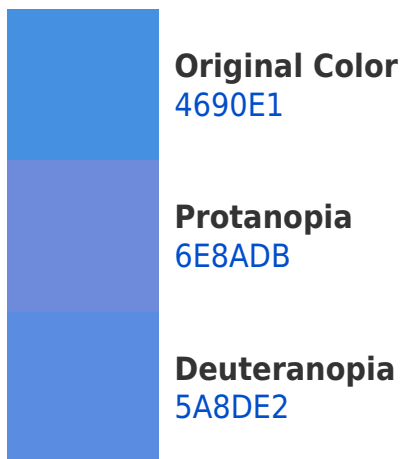


This preview shows how white text looks on a background with the Hex color 4690E1.

# 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](#).

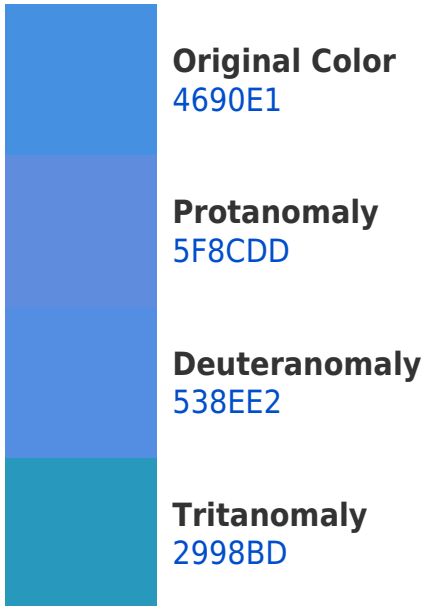
## Dichromacy



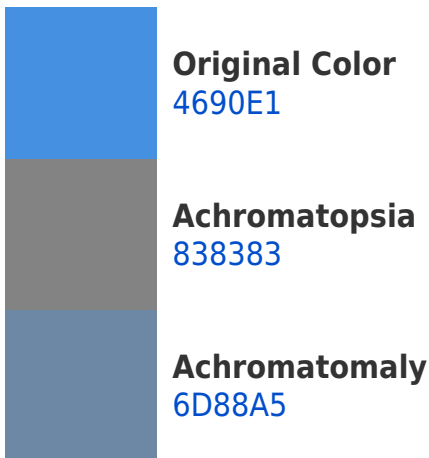


**Tritanopia**  
199CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4690E1 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 #4690E1 looks like.

```
.text, #text, p{  
    color:#4690E1  
}
```

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 #4690E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4690E1
}
```

## Border

The CSS property to change the border of an element to Hex 4690E1 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
#4690E1 }
```

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

```
.border{ border-color:#4690E1 }
```

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

Here you see how a box with a 4 pixel #4690E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4690E1; -webkit-box-shadow:4px 4px  
4px 4px #4690E1; box-shadow:4px 4px 4px  
4px #4690E1 }
```

# Background

The CSS property to change the background color of an element to Hex 4690E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4690E1 }
```

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

```
.background{ background-color:#4690E1 }
```

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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