

# Converting Colors

Hex(4685EA)

Have a look what the booklet for  
Hex(4685EA) contains.

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# Color

**Hex(4685EA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4685EA
RGB	70, 133, 234
RGB Percent	27%, 52%, 92%
CMY	0.7255, 0.4784, 0.0824
CMYK	0.70, 0.43, 0.00, 0.08
HSL	217°, 80%, 60%
HSV	217°, 70%, 92%
XYZ	25.7646, 24.0177, 81.1198
YIQ	125.6770, -69.9690, 18.0550

# Conversions

## Conversions Part 2

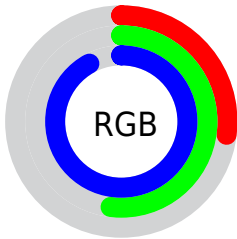
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	70, 116, 234
Decimal	4621802
CIE Lab	56.11, 12.79, -56.99
CIE LCh	56, 58.407, 282.652
Yxy	24.0177, 0.1968, 0.1835
Android (android.graphics.Color)	4282811882 (0xFF4685EA)
YUV	125.6770, 53.4032, -48.8287
Hunter-Lab	49.0078, 8.0781, -63.8339

# Details

The Hex color **4685EA** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **EAAB46**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **88BAFF**, and **0054B2** is the 20% darker color. If you saturate the color by 10%, you get **2F77EA**, and if you desaturate by 10%, it is **5D93EA**.

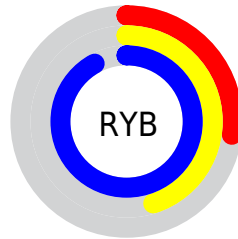
# Distribution



Red (27%)

Green (52%)

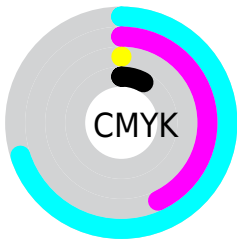
Blue (92%)



Red (27%)

Yellow (45%)

Blue (92%)

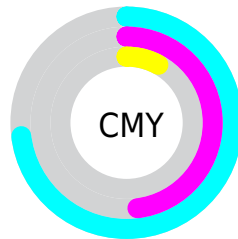


Cyan (70%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (73%)

Magenta (48%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4685EA 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 4685EA by changing the saturation by 10% instead.



■ 4685EA

■ 4685EA

FFFFFF

■ 166CCD

■ 88BAFF

■ 0054B2

■ A6D5FF

■ 003E96

■ C5F1FF

■ 00297C

■ E3FFFF

■ 001662

■ 00094A

■ 000432

■ 00021C

■ 000000

■ 4685EA

■ 4685EA

■ 2F77EA

■ 5D93EA

■ 1768EA

■ 75A2EA

■ 005AEA

■ 8CB0EA

■ A4BFEA

■ BBCDEA

■ D2DBEA

■ EAEAEA

■ FFF8EA

■ FFFFEA

# Harmonies

## Analogous

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



0094E7



4685EA



A46FD2

# Triad

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



4685EA



D76444



009D66

# Complementary

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



4685EA



EAAB46

# 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.



539636



4685EA



B8791D

# Square

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



4685EA



E25573



8C8B12



009F9B

# Rectangle

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



4685EA



C761B6



8C8B12



009B55



# Sweetspot

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



4685EA



C9DEFF



46EAA8



606C80



000000



808080



# Same Dimension

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



4685EA



297BFF



5646EA



6A6E75



0046B5



001536



# Inverse Universe

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



EA4685



FF297B



DAEA46



756A6E



B50046



360015



# Previews

## White Background



This preview shows how the Hex color 4685EA looks on a white background.

## Color Contrast Check

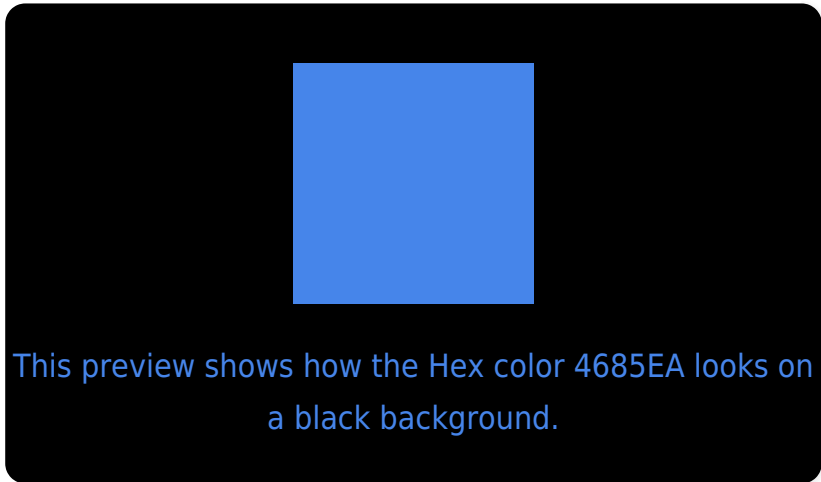
Large Text (above 18pt) WCAG AA ✓ Pass

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

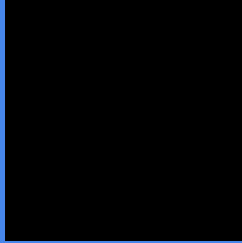
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

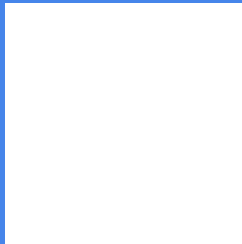
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4685EA Background



This preview shows how black text looks on a background with the Hex color 4685EA.



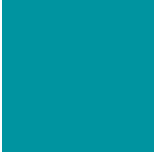
This preview shows how white text looks on a background with the Hex color 4685EA.

# 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](#).

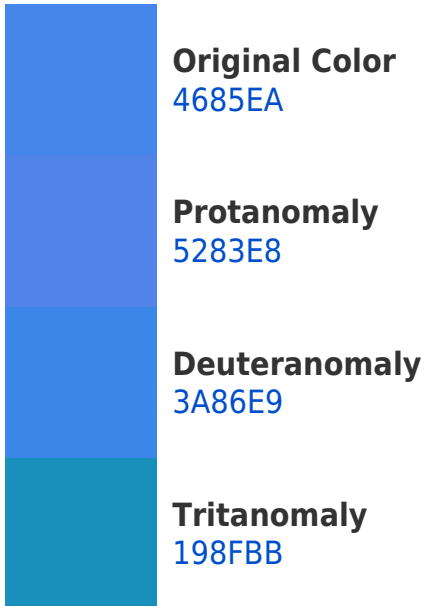
## Dichromacy



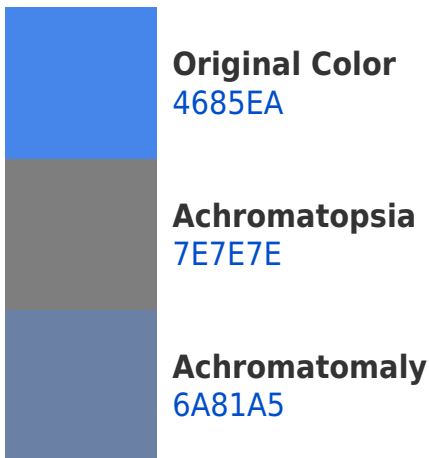


**Tritanopia**  
0094A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4685EA 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 #4685EA looks like.

```
.text, #text, p{  
    color:#4685EA  
}
```

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 #4685EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4685EA
}
```

## Border

The CSS property to change the border of an element to Hex 4685EA 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
#4685EA }
```

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

```
.border{ border-color:#4685EA }
```

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

Here you see how a box with a 4 pixel #4685EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4685EA; -webkit-box-shadow:4px 4px  
4px 4px #4685EA; box-shadow:4px 4px 4px  
4px #4685EA }
```

# Background

The CSS property to change the background color of an element to Hex 4685EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4685EA }
```

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

```
.background{ background-color:#4685EA }
```

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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