

# Converting Colors

Hex(449DE3)

Have a look what the booklet for  
Hex(449DE3) contains.

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# **Color**

**Hex(449DE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	449DE3
RGB	68, 157, 227
RGB Percent	27%, 62%, 89%
CMY	0.7333, 0.3843, 0.1098
CMYK	0.70, 0.31, 0.00, 0.11
HSL	206°, 74%, 58%
HSV	206°, 70%, 89%
XYZ	28.3060, 30.8889, 77.1433
YIQ	138.3690, -75.5140, 2.9020

# Conversions

## Conversions Part 2

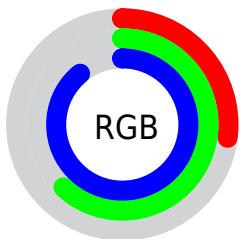
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	68, 125, 227
Decimal	4496867
CIE Lab	62.41, -4.09, -43.10
CIE LCh	62, 43.294, 264.579
Yxy	30.8889, 0.2076, 0.2266
Android (android.graphics.Color)	4282686947 (0xFF449DE3)
YUV	138.3690, 43.6951, -61.7136
Hunter-Lab	55.5778, -6.3504, -43.3914

# Details

The Hex color **449DE3** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E38A44**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **85D3FF**, and **006AAB** is the 20% darker color. If you saturate the color by 10%, you get **2D93E3**, and if you desaturate by 10%, it is **5BA7E3**.

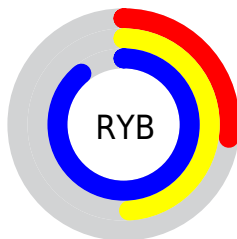
# Distribution



Red (27%)

Green (62%)

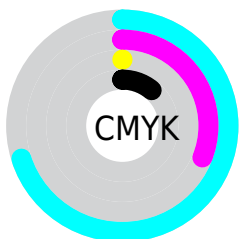
Blue (89%)



Red (27%)

Yellow (49%)

Blue (89%)

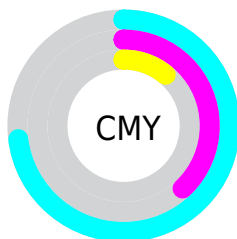


Cyan (70%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (38%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 449DE3 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 449DE3 by changing the saturation by 10% instead.



■ 449DE3

■ 449DE3

FFFFFF

■ 1483C7

■ 85D3FF

■ 006AAB

■ A3F0FF

■ 005290

■ C2FFFF

■ 003C76

■ E0FFFF

■ 00265D

■ 001245

■ 00042E

■ 000119

■ 000000

■ 449DE3

■ 449DE3

■ 2D93E3

■ 5BA7E3

■ 1789E3

■ 71B1E3

■ 007FE3

■ 88BBE3

■ 9FC5E3

■ B5CFE3

■ CCD9E3

■ E3E3E3

■ FAEDE3

■ FFF7E3

# Harmonies

## Analogous

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



00A6D5



449DE3



8F90DD

# Triad

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



449DE3



DF7979



60A669

# Complementary

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



449DE3



E38A44

# 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.



8F9E4F



449DE3



D18459

# Square

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



449DE3



DB78A0



B49249



0DAA8E

# Rectangle

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



449DE3



B286CE



B49249



71A45E

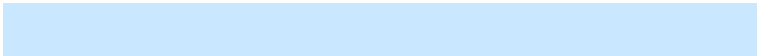


# Sweetspot

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



449DE3



C9E7FF



44E389



607180



000000



808080



# Same Dimension

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



449DE3



29A1FF



444FE3



676E73



0064B3



001D33



# Inverse Universe

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



E3449D



FF29A1



E3D844



73676E



B30064



33001D



# Previews

## White Background



This preview shows how the Hex color 449DE3 looks on a white background.

## Color Contrast Check

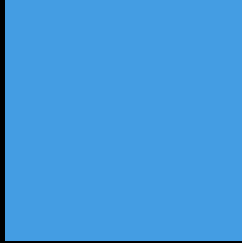
Large Text (above 18pt) WCAG AA × Fail

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 449DE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

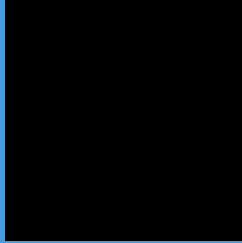
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

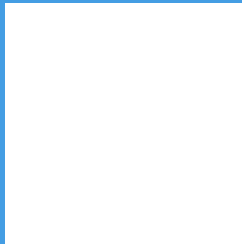
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 449DE3 Background



This preview shows how black text looks on a background with the Hex color 449DE3.

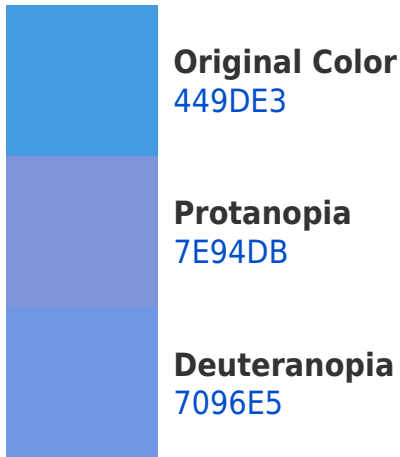


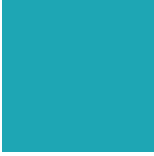
This preview shows how white text looks on a background with the Hex color 449DE3.

# 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](#).

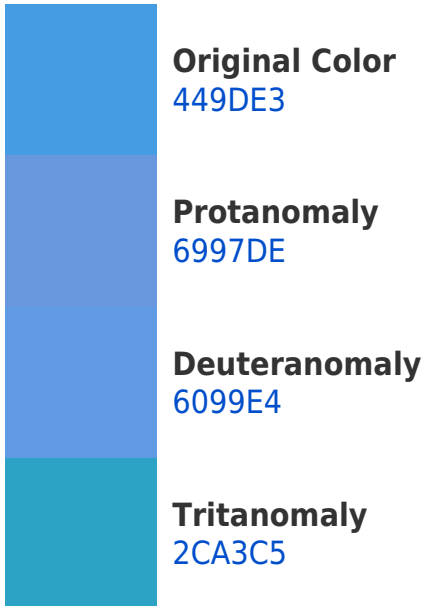
## Dichromacy



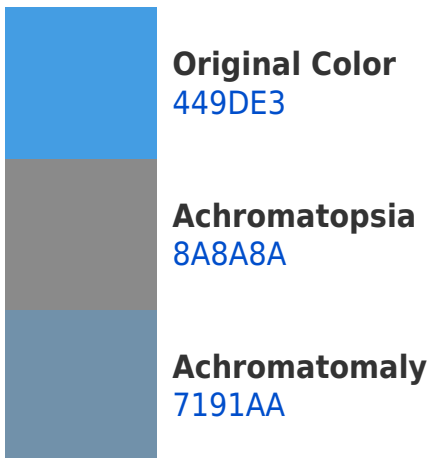


**Tritanopia**  
1EA6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 449DE3 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 #449DE3 looks like.

```
.text, #text, p{  
    color:#449DE3  
}
```

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 #449DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449DE3
}
```

## Border

The CSS property to change the border of an element to Hex 449DE3 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
#449DE3 }
```

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

```
.border{ border-color:#449DE3 }
```

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

Here you see how a box with a 4 pixel #449DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449DE3; -webkit-box-shadow:4px 4px  
4px 4px #449DE3; box-shadow:4px 4px 4px  
4px #449DE3 }
```

# Background

The CSS property to change the background color of an element to Hex 449DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449DE3 }
```

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

```
.background{ background-color:#449DE3 }
```

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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