

Converting Colors

Hex(699ADE)

Have a look what the booklet for
Hex(699ADE) contains.

Hex(699ADE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(699ADE)

Conversions

Conversions Part 1

Format	Color
Hex	699ADE
RGB	105, 154, 222
RGB Percent	41%, 60%, 87%
CMY	0.5882, 0.3961, 0.1294
CMYK	0.53, 0.31, 0.00, 0.13
HSL	215°, 64%, 64%
HSV	215°, 53%, 87%
XYZ	30.5661, 31.3884, 73.5548
YIQ	147.1010, -51.0320, 10.7600

Conversions

Conversions Part 2

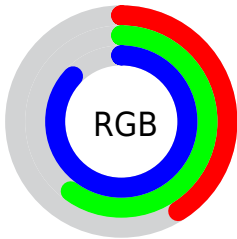
Format	Color
RYB	105, 140, 222
Decimal	6920926
CIELab	62.83, 2.76, -39.57
CIELCh	63, 39.663, 273.988
Yxy	31.3884, 0.2256, 0.2316
Android (android.graphics.Color)	4285111006 (0xFF699ADE)
YUV	147.1010, 36.9252, -36.9226
Hunter-Lab	56.0253, -0.6589, -38.6232

Details

The Hex color **699ADE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEAD69**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2D0FF**, and **2B67A6** is the 20% darker color. If you saturate the color by 10%, you get **538DDE**, and if you desaturate by 10%, it is **7FA7DE**.

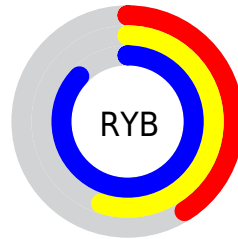
Distribution



Red (41%)

Green (60%)

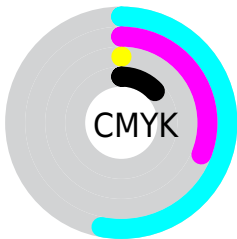
Blue (87%)



Red (41%)

Yellow (55%)

Blue (87%)

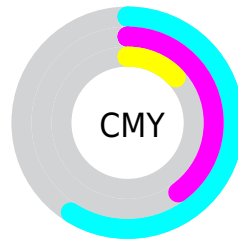


Cyan (53%)

Magenta (31%)

Yellow (0%)

Black (13%)



Cyan (59%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 699ADE 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 699ADE by changing the saturation by 10% instead.

 699ADE

 699ADE

FFFFFF

 4C80C2

 A2D0FF

 2B67A6

 BFECFF

 00508C

 DDFFFF

 003972

 FBFFFF

 002459

 000E41

 00032B

 000115

 000000

■ 699ADE

■ 699ADE

■ 538DDE

■ 7FA7DE

■ 3D80DE

■ 95B4DE

■ 2673DE

■ ACC1DE

■ 1066DE

■ C2CEDE

■ 005DDE

■ D8DBDE

■ EEE7DE

■ FFF4DE

■ FFFFDE

Harmonies

Analogous

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



02A4D7



699ADE



A28DD3

Triad

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



699ADE



D98072



58A878

Complementary

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



699ADE



DEAD69

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.



85A25C



699ADE



C78B59

Square

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



699ADE



DA7C95



AA9850



0BAA9C

Rectangle

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



699ADE



BD85C2



AA9850



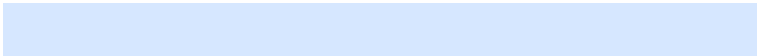
68A66D

Sweetspot

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



699ADE



D6E7FF



69DEAB



677180



000000



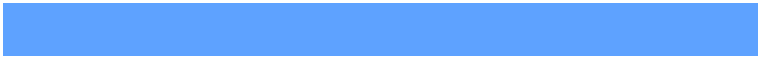
808080

Same Dimension

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



699ADE



5EA2FF



7169DE



656A70



004AB0



001430

Inverse Universe

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



DE699A



FF5EA2



D6DE69



70656A



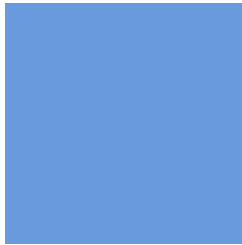
B0004A



300014

Previews

White Background



This preview shows how the Hex color 699ADE looks on a white background.

Color Contrast Check

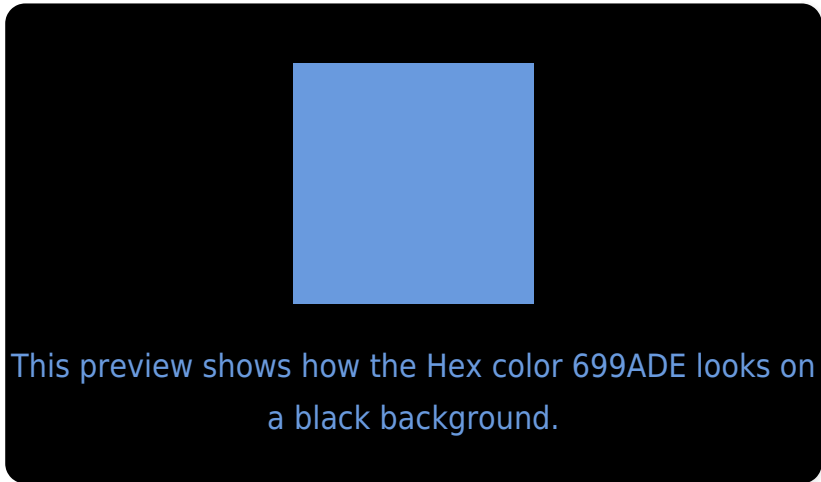
Large Text (above 18pt) WCAG AA × Fail

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

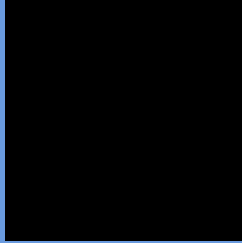
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

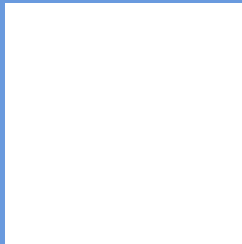
Any Text WCAG AAA ✓ Pass

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

Hex 699ADE Background



This preview shows how black text looks on a background with the Hex color 699ADE.

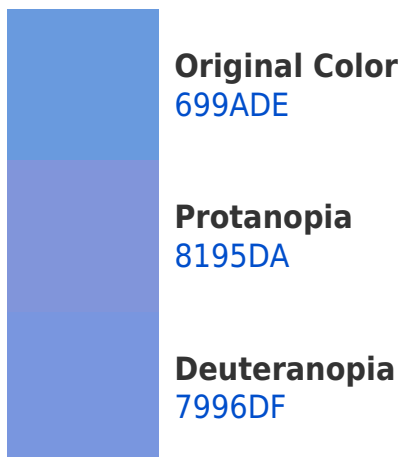


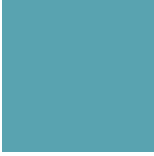
This preview shows how white text looks on a background with the Hex color 699ADE.

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](#).

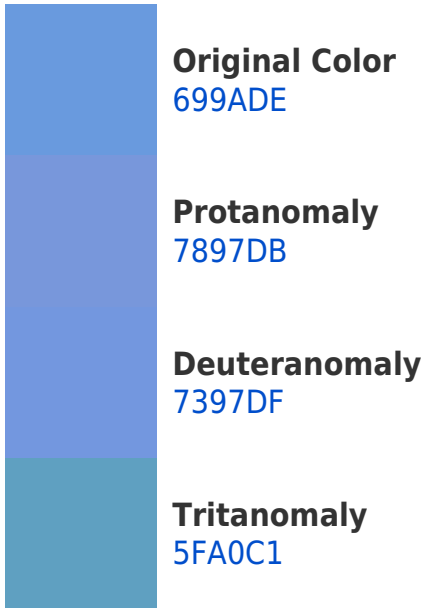
Dichromacy



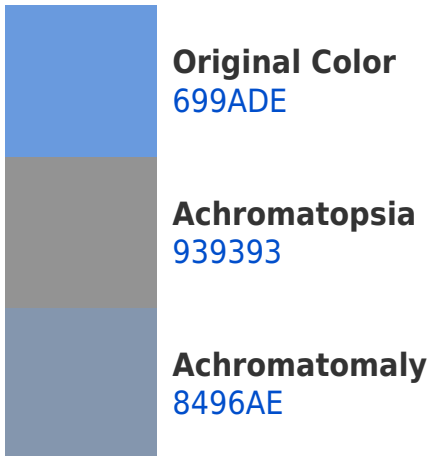


Tritanopia
59A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 699ADE 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 #699ADE looks like.

```
.text, #text, p{  
    color:#699ADE  
}
```

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 #699ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #699ADE
}
```

Border

The CSS property to change the border of an element to Hex 699ADE 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
#699ADE }
```

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

```
.border{ border-color:#699ADE }
```

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

Here you see how a box with a 4 pixel #699ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #699ADE; -webkit-box-shadow:4px 4px  
4px 4px #699ADE; box-shadow:4px 4px 4px  
4px #699ADE }
```

Background

The CSS property to change the background color of an element to Hex 699ADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#699ADE }
```

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

```
.background{ background-color:#699ADE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor