

Converting Colors

Hex(68ACDE)

Have a look what the booklet for
Hex(68ACDE) contains.

Hex(68ACDE)	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(68ACDE)

Conversions

Conversions Part 1

Format	Color
Hex	68ACDE
RGB	104, 172, 222
RGB Percent	41%, 67%, 87%
CMY	0.5922, 0.3255, 0.1294
CMYK	0.53, 0.23, 0.00, 0.13
HSL	205°, 64%, 64%
HSV	205°, 53%, 87%
XYZ	33.6463, 37.7220, 74.6150
YIQ	157.3680, -56.5780, 1.1340

Conversions

Conversions Part 2

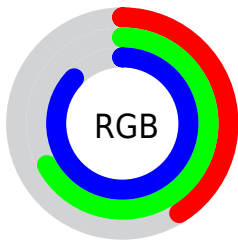
Format	Color
RYB	104, 147, 222
Decimal	6859998
CIELab	67.82, -7.57, -31.82
CIELCh	68, 32.706, 256.614
Yxy	37.7220, 0.2305, 0.2584
Android (android.graphics.Color)	4285050078 (0xFF68ACDE)
YUV	157.3680, 31.8636, -46.8037
Hunter-Lab	61.4183, -9.6958, -29.0366

Details

The Hex color **68ACDE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DE9A68**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A2E3FF**, and **2978A7** is the 20% darker color. If you saturate the color by 10%, you get **52A3DE**, and if you desaturate by 10%, it is **7EB5DE**.

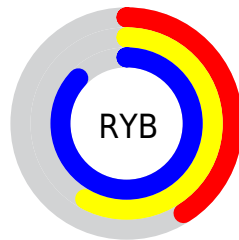
Distribution



Red (41%)

Green (67%)

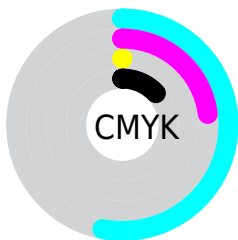
Blue (87%)



Red (41%)

Yellow (58%)

Blue (87%)

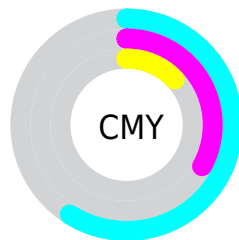


Cyan (53%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (59%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68ACDE 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 68ACDE by changing the saturation by 10% instead.

■ 68ACDE

■ 68ACDE

FFFFFF

■ 4A92C2

■ A2E3FF

■ 2978A7

■ BFFFFFF

■ 005F8C

■ DCFFFF

■ 004872

■ FAFFFF

■ 00315A

■ 001D42

■ 00032C

■ 000116

■ 000000

 68ACDE

 68ACDE

 52A3DE

 7EB5DE

 3C99DE

 94BFDE

 2590DE

 ABC8DE

 0F86DE

 C1D2DE

 0080DE

 D7DBDE

 EDE4DE

 FFEEDDE

 FFF7DE

 FFFFDE

Harmonies

Analogous

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



42B2CF



68ACDE



96A2DE

Triad

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



68ACDE



E08F96



87B07C

Complementary

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



68ACDE



DE9A68

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.



A9A96C



68ACDE



D9957C

Square

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



68ACDE



D790B4



C59F6C



64B497

Rectangle

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



68ACDE



B29BD5



C59F6C



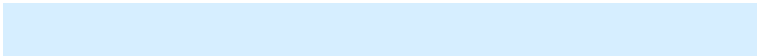
93AE75

Sweetspot

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



68ACDE



D6EEFF



68DE99



677580



000000



808080

Same Dimension

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



68ACDE



5CBAFF



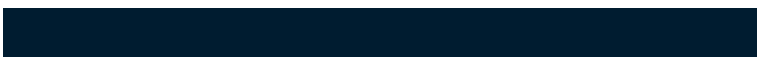
6872DE



656B70



0065B0



001C30

Inverse Universe

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



DE68AC



FF5CBA



DED468



70656B



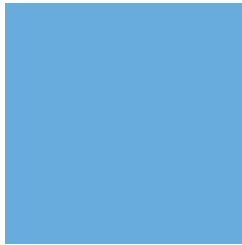
B00065



30001C

Previews

White Background



This preview shows how the Hex color 68ACDE looks on a white background.

Color Contrast Check

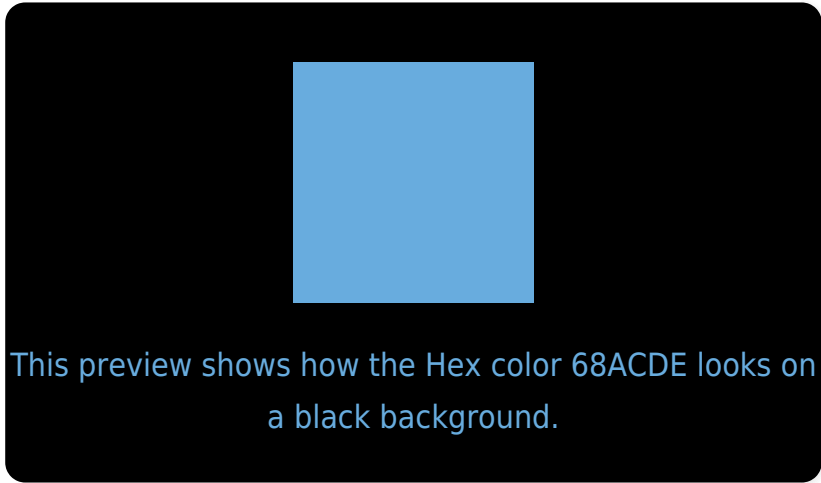
Large Text (above 18pt) WCAG AA × Fail

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

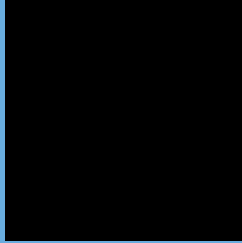
Any Text WCAG AA ✓ Pass

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 68ACDE Background



This preview shows how black text looks on a background with the Hex color 68ACDE.

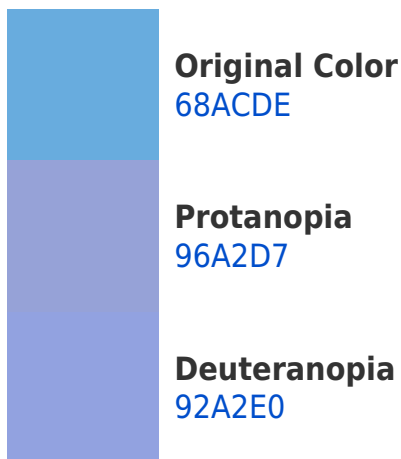


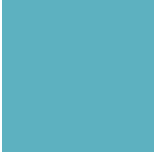
This preview shows how white text looks on a background with the Hex color 68ACDE.

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](#).

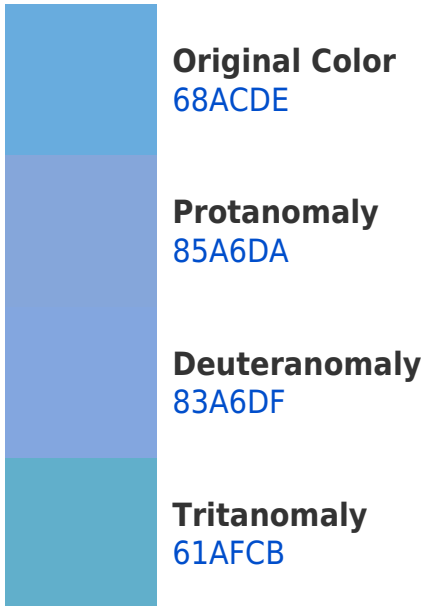
Dichromacy



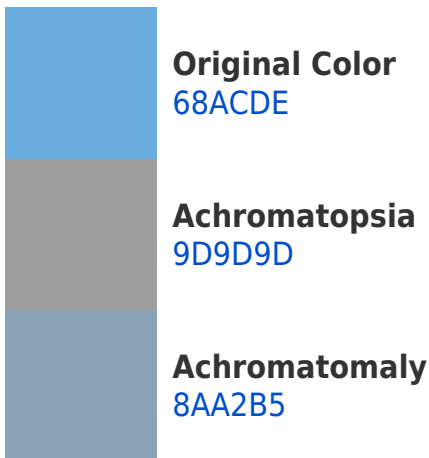


Tritanopia
5DB1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68ACDE 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 #68ACDE looks like.

```
.text, #text, p{  
    color:#68ACDE  
}
```

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 #68ACDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68ACDE
}
```

Border

The CSS property to change the border of an element to Hex 68ACDE 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
#68ACDE }
```

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

```
.border{ border-color:#68ACDE }
```

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

Here you see how a box with a 4 pixel #68ACDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68ACDE; -webkit-box-shadow:4px 4px  
4px 4px #68ACDE; box-shadow:4px 4px 4px  
4px #68ACDE }
```

Background

The CSS property to change the background color of an element to Hex 68ACDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68ACDE }
```

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

```
.background{ background-color:#68ACDE }
```

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