

Converting Colors

Hex(349DE3)

Have a look what the booklet for
Hex(349DE3) contains.

Hex(349DE3)	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(349DE3)

Conversions

Conversions Part 1

Format	Color
Hex	349DE3
RGB	52, 157, 227
RGB Percent	20%, 62%, 89%
CMY	0.7961, 0.3843, 0.1098
CMYK	0.77, 0.31, 0.00, 0.11
HSL	204°, 76%, 55%
HSV	204°, 77%, 89%
XYZ	27.3383, 30.3901, 77.0980
YIQ	133.5850, -85.0500, -0.4900

Conversions

Conversions Part 2

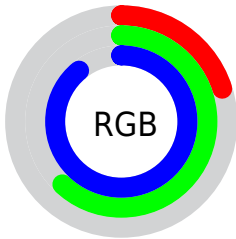
Format	Color
RYB	52, 118, 227
Decimal	3448291
CIELab	61.99, -6.11, -43.80
CIELCh	62, 44.221, 262.058
Yxy	30.3901, 0.2028, 0.2254
Android (android.graphics.Color)	4281638371 (0xFF349DE3)
YUV	133.5850, 46.0536, -71.5500
Hunter-Lab	55.1272, -7.9521, -44.3309

Details

The Hex color **349DE3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E37A34**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7BD3FF**, and **006AAB** is the 20% darker color. If you saturate the color by 10%, you get **1D94E3**, and if you desaturate by 10%, it is **4BA6E3**.

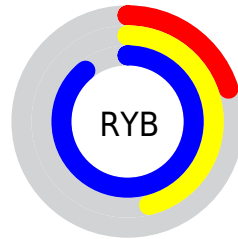
Distribution



Red (20%)

Green (62%)

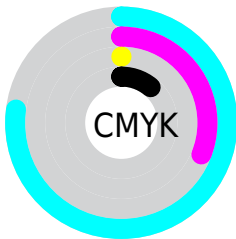
Blue (89%)



Red (20%)

Yellow (46%)

Blue (89%)

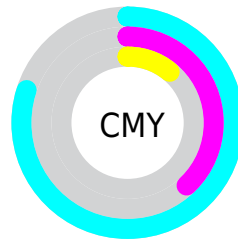


Cyan (77%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349DE3 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 349DE3 by changing the saturation by 10% instead.

 349DE3

 349DE3

FFFFFF

 0083C7

 7BD3FF

 006AAB

 9AF0FF

 005290

 B9FFFF

 003B76

 D7FFFF

 00265D

 F6FFFF

 001245

 00042E

 000118

 000000

■ 349DE3

■ 349DE3

■ 1D94E3

■ 4BA6E3

■ 078BE3

■ 61AFE3

■ 0088E3

■ 78B8E3

■ 8FC1E3

■ A5CAE3

■ BCD3E3

■ D3DDE3

■ EAE6E3

■ FFEFE3

Harmonies

Analogous

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



00A6D3



349DE3



8890DE

Triad

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



349DE3



E0777A



62A564

Complementary

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



349DE3



E37A34

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.



919C4A



349DE3



D28259

Square

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



349DE3



D976A2



B69047



10A98A

Rectangle

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



349DE3



AE85D0



B69047



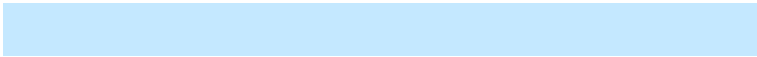
73A35A

Sweetspot

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



349DE3



C4E8FF



34E37A



5C7180



000000



808080

Same Dimension

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



349DE3



12A0FF



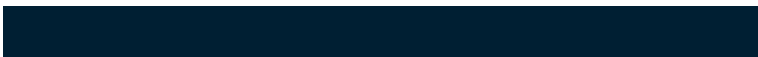
3445E3



676E73



006BB3



001F33

Inverse Universe

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



E3349D



FF12A0



E3D134



73676E



B3006B



33001F

Previews

White Background



This preview shows how the Hex color 349DE3 looks on a white background.

Color Contrast Check

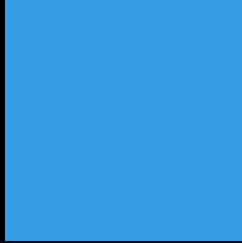
Large Text (above 18pt) WCAG AA × Fail

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 349DE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

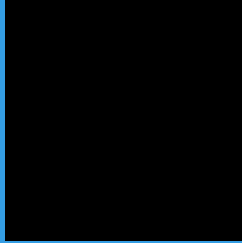
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

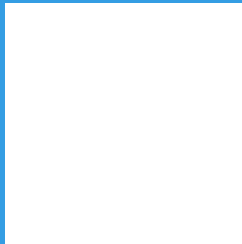
Any Text WCAG AAA ✓ Pass

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

Hex 349DE3 Background



This preview shows how black text looks on a background with the Hex color 349DE3.

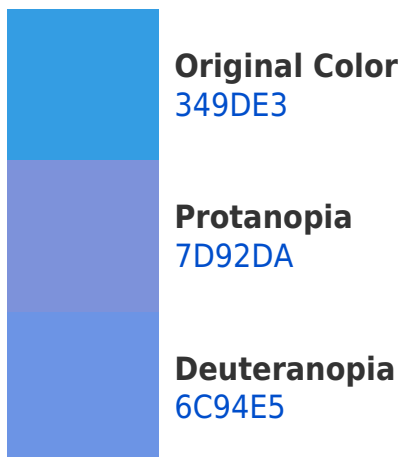


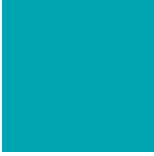
This preview shows how white text looks on a background with the Hex color 349DE3.

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](#).

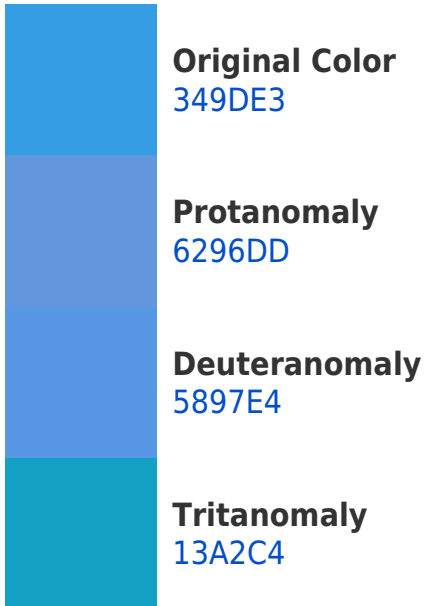
Dichromacy



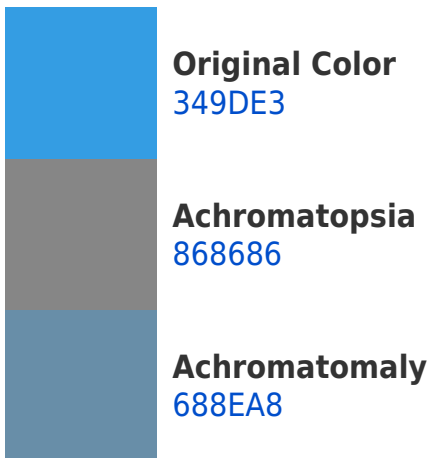


Tritanopia
00A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349DE3 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 #349DE3 looks like.

```
.text, #text, p{  
    color:#349DE3  
}
```

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 #349DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349DE3
}
```

Border

The CSS property to change the border of an element to Hex 349DE3 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
#349DE3 }
```

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

```
.border{ border-color:#349DE3 }
```

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

Here you see how a box with a 4 pixel #349DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349DE3; -webkit-box-shadow:4px 4px  
4px 4px #349DE3; box-shadow:4px 4px 4px  
4px #349DE3 }
```

Background

The CSS property to change the background color of an element to Hex 349DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349DE3 }
```

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

```
.background{ background-color:#349DE3 }
```

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