

Converting Colors

Hex(34A6EE)

Have a look what the booklet for
Hex(34A6EE) contains.

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Color

Hex(34A6EE)

Conversions

Conversions Part 1

Format	Color
Hex	34A6EE
RGB	52, 166, 238
RGB Percent	20%, 65%, 93%
CMY	0.7961, 0.3490, 0.0667
CMYK	0.78, 0.30, 0.00, 0.07
HSL	203°, 85%, 57%
HSV	203°, 78%, 93%
XYZ	30.4850, 34.1755, 85.8787
YIQ	140.1220, -91.0560, -1.7760

Conversions

Conversions Part 2

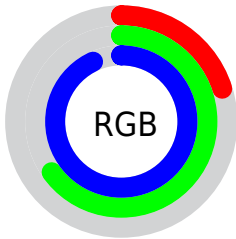
Format	Color
R _{YB}	52, 123, 238
Decimal	3450606
CIE Lab	65.10, -7.32, -44.96
CIE LCh	65, 45.549, 260.753
Yxy	34.1755, 0.2025, 0.2270
Android (android.graphics.Color)	4281640686 (0xFF34A6EE)
YUV	140.1220, 48.2539, -77.2830
Hunter-Lab	58.4599, -9.2225, -46.1763

Details

The Hex color **34A6EE** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **EE7C34**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7DDDFE**, and **0072B6** is the 20% darker color. If you saturate the color by 10%, you get **1C9DEE**, and if you desaturate by 10%, it is **4CAFEE**.

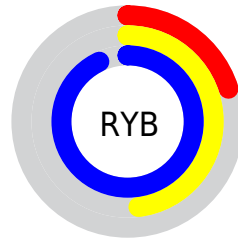
Distribution



Red (20%)

Green (65%)

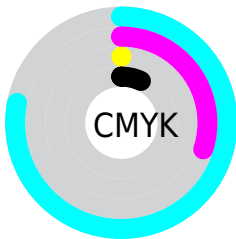
Blue (93%)



Red (20%)

Yellow (48%)

Blue (93%)

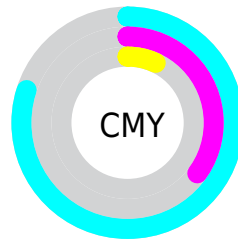


Cyan (78%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (80%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A6EE 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 34A6EE by changing the saturation by 10% instead.

■ 34A6EE

■ 34A6EE

FFFFFF

■ 008CD1

■ 7DDDFE

■ 0072B6

■ 9DF9FF

■ 005A9B

■ BCFFFE

■ 004380

■ DBFFFE

■ 002D67

■ FAFFFE

■ 001A4E

■ 000537

■ 000220

■ 000005

 34A6EE

 34A6EE

 1C9DEE

 4CAFEE

 0494EE

 64B8EE

 0092EE

 7BC2EE

 93CBEE

 ABD4EE

 C3DDEE

 DBE6EE

 F2F0EE

 FFF9EE

Harmonies

Analogous

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



00AFDC



34A6EE



8D98EA

Triad

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



34A6EE



EB7E83



6BAD69

Complementary

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



34A6EE



EE7C34

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.



9BA44F



34A6EE



DE8960

Square

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



34A6EE



E37DAC



C2974C



1EB290

Rectangle

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



34A6EE



B58EDC



C2974C



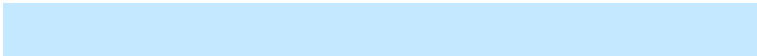
7CAB5E

Sweetspot

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



34A6EE



C4E8FF



34EE7B



5C7280



000000



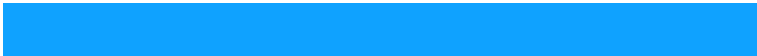
808080

Same Dimension

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



34A6EE



0FA2FF



344AEE



6C7378



0071B8



002238

Inverse Universe

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



EE34A6



FF0FA2



EED834



786C73



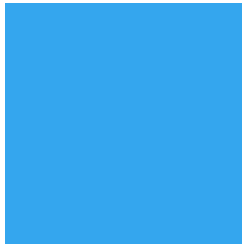
B80071



380022

Previews

White Background



This preview shows how the Hex color 34A6EE looks on a white background.

Color Contrast Check

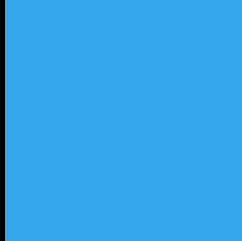
Large Text (above 18pt) WCAG AA × Fail

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 34A6EE 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

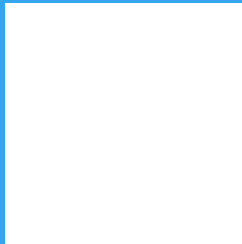
Any Text WCAG AAA ✓ Pass

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

Hex 34A6EE Background



This preview shows how black text looks on a background with the Hex color 34A6EE.

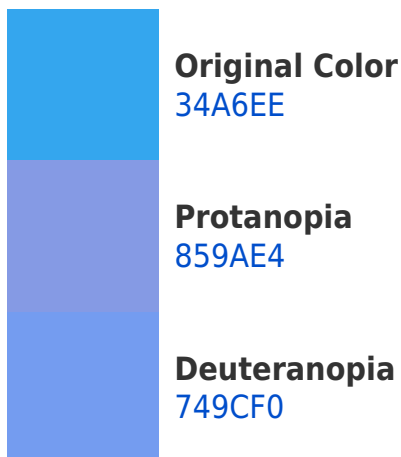


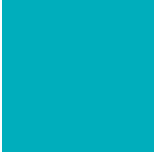
This preview shows how white text looks on a background with the Hex color 34A6EE.

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](#).

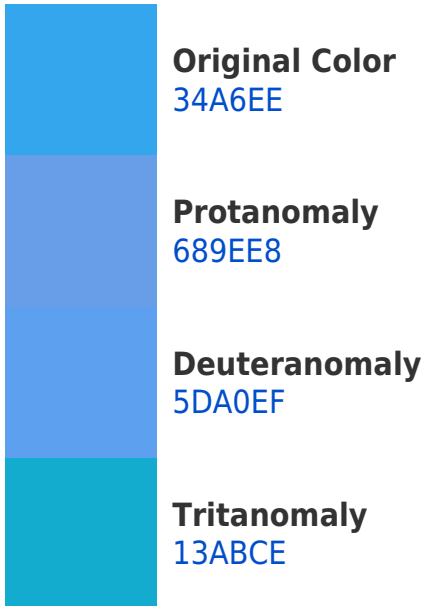
Dichromacy



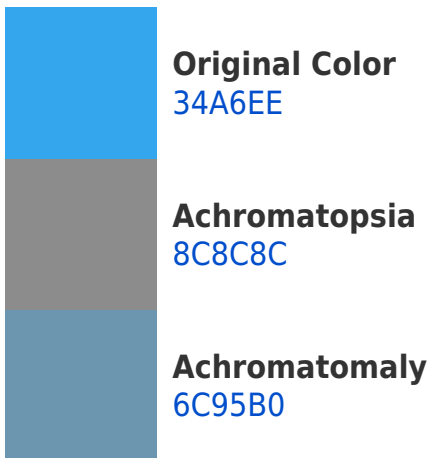


Tritanopia
00AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A6EE 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 #34A6EE looks like.

```
.text, #text, p{  
    color:#34A6EE  
}
```

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 #34A6EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A6EE
}
```

Border

The CSS property to change the border of an element to Hex 34A6EE 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
#34A6EE }
```

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

```
.border{ border-color:#34A6EE }
```

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

Here you see how a box with a 4 pixel #34A6EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A6EE; -webkit-box-shadow:4px 4px  
4px 4px #34A6EE; box-shadow:4px 4px 4px  
4px #34A6EE }
```

Background

The CSS property to change the background color of an element to Hex 34A6EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A6EE }
```

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

```
.background{ background-color:#34A6EE }
```

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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