

Converting Colors

Hex(348FEB)

Have a look what the booklet for
Hex(348FEB) contains.

Hex(348FEB)	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(348FEB)

Conversions

Conversions Part 1

Format	Color
Hex	348FEB
RGB	52, 143, 235
RGB Percent	20%, 56%, 92%
CMY	0.7961, 0.4392, 0.0784
CMYK	0.78, 0.39, 0.00, 0.08
HSL	210°, 82%, 56%
HSV	210°, 78%, 92%
XYZ	26.2340, 26.3731, 82.3051
YIQ	126.2790, -83.7680, 9.3200

Conversions

Conversions Part 2

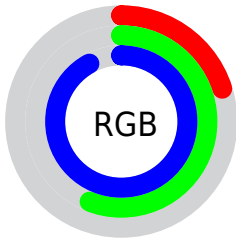
Format	Color
RYB	52, 113, 235
Decimal	3444715
CIELab	58.39, 4.90, -53.93
CIElCh	58, 54.152, 275.193
Yxy	26.3731, 0.1945, 0.1955
Android (android.graphics.Color)	4281634795 (0xFF348FEB)
YUV	126.2790, 53.5995, -65.1427
Hunter-Lab	51.3548, 1.3139, -59.0743

Details

The Hex color **348FEB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EB9034**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7CC4FF**, and **005DB3** is the 20% darker color. If you saturate the color by 10%, you get **1D83EB**, and if you desaturate by 10%, it is **4C9BEB**.

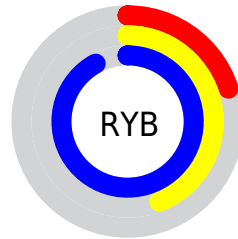
Distribution



Red (20%)

Green (56%)

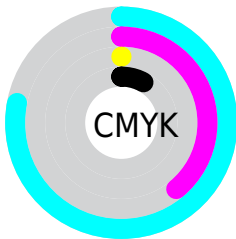
Blue (92%)



Red (20%)

Yellow (44%)

Blue (92%)

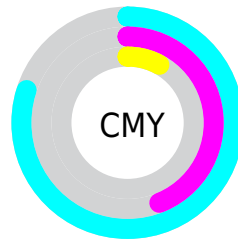


Cyan (78%)

Magenta (39%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (44%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 348FEB 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 348FEB by changing the saturation by 10% instead.

 348FEB

 348FEB

FFFFFF

 0076CE

 7CC4FF

 005DB3

 9BE0FF

 004697

 BAFDFF

 00317D

 D9FFFF

 001D63

 F8FFFF

 00094B

 000433

 00021D

 000000

■ 348FEB

■ 348FEB

■ 1D83EB

■ 4C9BEB

■ 0577EB

■ 63A7EB

■ 0075EB

■ 7BB2EB

■ 92BEEB

■ AACAEb

■ C1D6EB

■ D9E2EB

■ F0EEEB

■ FFF9EB

Harmonies

Analogous

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



009CE2



348FEB



997CDA

Triad

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



348FEB



DE6958



16A063

Complementary

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



348FEB



EB9034

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.



6D993A



348FEB



C57B34

Square

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



348FEB



E26086



9E8D25



00A393

Rectangle

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



348FEB



BF6FC3



9E8D25



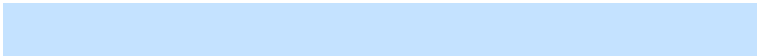
409F54

Sweetspot

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



348FEB



C4E2FF



34EB90



5C6E80



000000



808080

Same Dimension

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



348FEB



1288FF



3434EB



6A6F75



005AB5



001B36

Inverse Universe

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



EB348F



FF1288



EBEB34



756A6F



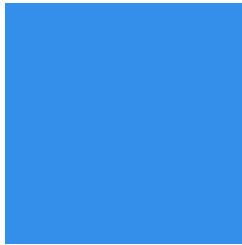
B5005A



36001B

Previews

White Background



This preview shows how the Hex color 348FEB looks on a white background.

Color Contrast Check

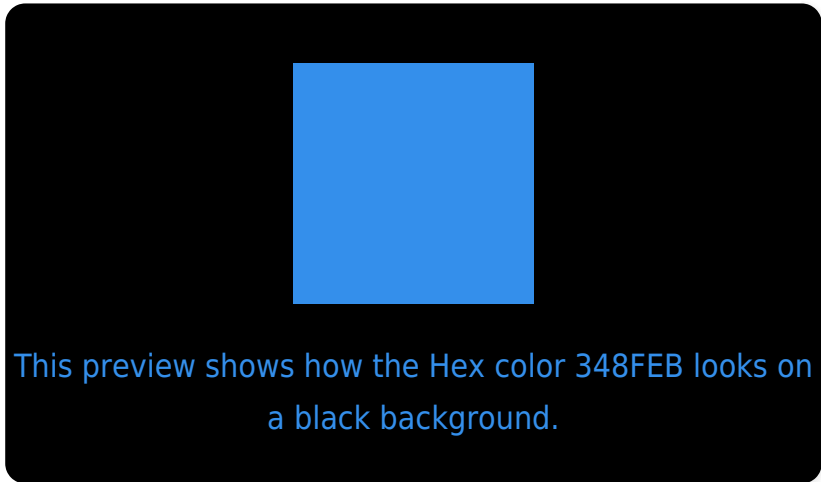
Large Text (above 18pt) WCAG AA ✓ Pass

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

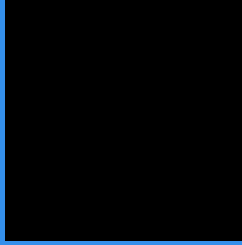
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

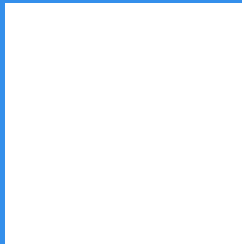
Any Text WCAG AAA × Fail

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

Hex 348FEB Background



This preview shows how black text looks on a background with the Hex color 348FEB.

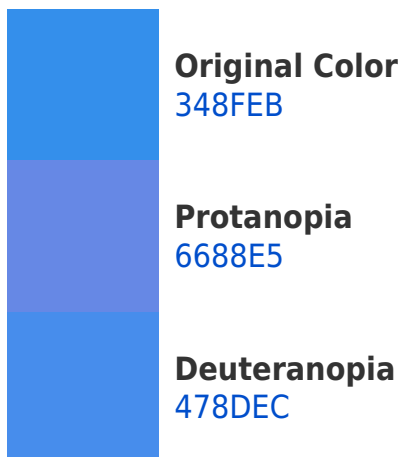


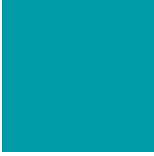
This preview shows how white text looks on a background with the Hex color 348FEB.

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](#).

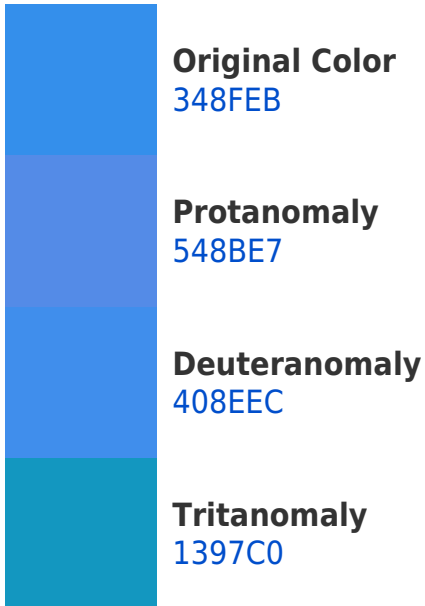
Dichromacy



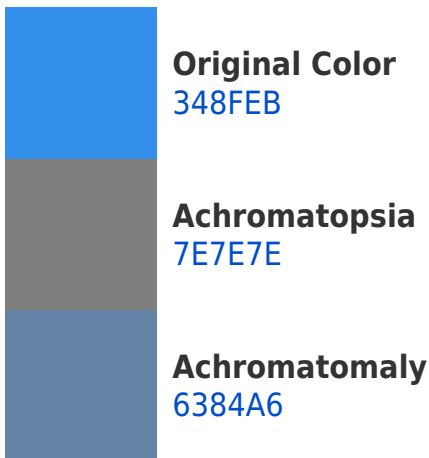


Tritanopia
009BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 348FEB 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 #348FEB looks like.

```
.text, #text, p{  
    color:#348FEB  
}
```

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 #348FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #348FEB
}
```

Border

The CSS property to change the border of an element to Hex 348FEB 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
#348FEB }
```

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

```
.border{ border-color:#348FEB }
```

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

Here you see how a box with a 4 pixel #348FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #348FEB; -webkit-box-shadow:4px 4px  
4px 4px #348FEB; box-shadow:4px 4px 4px  
4px #348FEB }
```

Background

The CSS property to change the background color of an element to Hex 348FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#348FEB }
```

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

```
.background{ background-color:#348FEB }
```

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