

Converting Colors

Hex(3084EE)

Have a look what the booklet for
Hex(3084EE) contains.

Hex(3084EE)	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(3084EE)

Conversions

Conversions Part 1

Format	Color
Hex	3084EE
RGB	48, 132, 238
RGB Percent	19%, 52%, 93%
CMY	0.8118, 0.4824, 0.0667
CMYK	0.80, 0.45, 0.00, 0.07
HSL	213°, 85%, 56%
HSV	213°, 80%, 93%
XYZ	24.9028, 23.3040, 84.0745
YIQ	118.9680, -84.0900, 15.1580

Conversions

Conversions Part 2

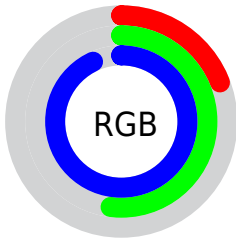
Format	Color
R _Y B	48, 106, 238
Decimal	3179758
CIE Lab	55.38, 12.25, -60.41
CIE LCh	55, 61.638, 281.467
Yxy	23.3040, 0.1883, 0.1762
Android (android.graphics.Color)	4281369838 (0xFF3084EE)
YUV	118.9680, 58.6828, -62.2389
Hunter-Lab	48.2742, 7.6016, -69.4678

Details

The Hex color **3084EE** 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 **EE9A30**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7BB8FF**, and **0054B5** is the 20% darker color. If you saturate the color by 10%, you get **1877EE**, and if you desaturate by 10%, it is **4891EE**.

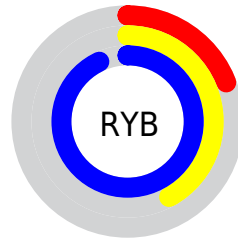
Distribution



Red (19%)

Green (52%)

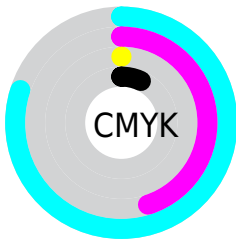
Blue (93%)



Red (19%)

Yellow (42%)

Blue (93%)

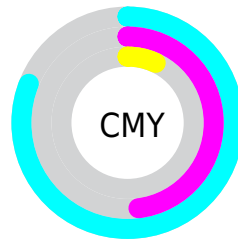


Cyan (80%)

Magenta (45%)

Yellow (0%)

Black (7%)



Cyan (81%)

Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3084EE 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 3084EE by changing the saturation by 10% instead.

 3084EE

 3084EE

FFFFFF

 006BD1

 7BB8FF

 0054B5

 9AD4FF

 003D9A

 BAF0FF

 00297F

 D9FFFF

 001666

 F8FFFF

 000A4D

 000535

 00021F

 000002

■ 3084EE

■ 3084EE

■ 1877EE

■ 4891EE

■ 0069EE

■ 609FEE

■ 77ACEE

■ 8FB9EE

■ A7C6EE

■ BFD4EE

■ D7E1EE

■ EEEEEE

■ FFFCEE

Harmonies

Analogous

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



0094EA



3084EE



A16DD5

Triad

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



3084EE



D95F40



009B61

Complementary

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



3084EE



EE9A30

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.



50952D



3084EE



B97612

Square

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



3084EE



E44F72



8C8900



009E98

Rectangle

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



3084EE



C75CB9



8C8900



009A4F

Sweetspot

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



3084EE



C2DDFF



30EE98



5B6B80



000000



808080

Same Dimension

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



3084EE



0A76FF



3A30EE



6C7178



0051B8



001938

Inverse Universe

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



EE3084



FF0A76



E5EE30



786C71



B80051



380019

Previews

White Background



This preview shows how the Hex color 3084EE looks on a white background.

Color Contrast Check

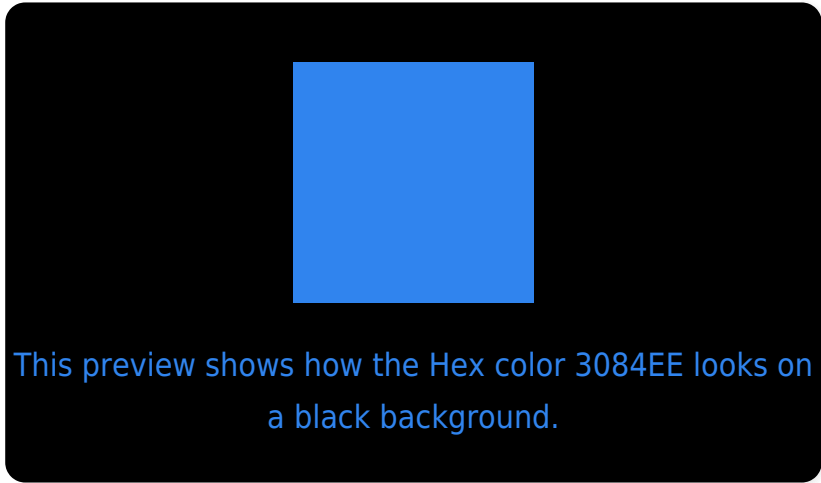
Large Text (above 18pt) WCAG AA ✓ Pass

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

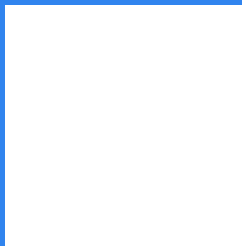
Any Text WCAG AAA × Fail

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

Hex 3084EE Background



This preview shows how black text looks on a background with the Hex color 3084EE.



This preview shows how white text looks on a background with the Hex color 3084EE.

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](#).

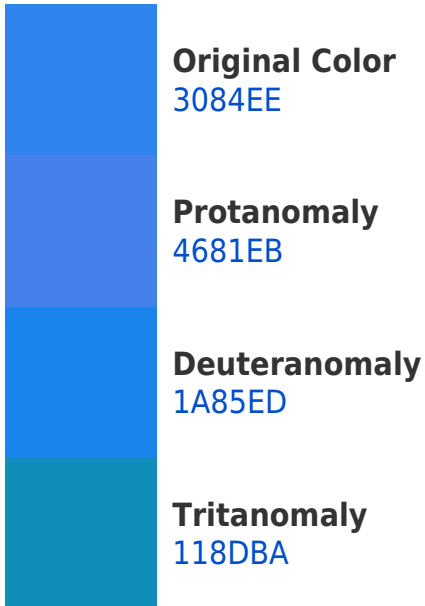
Dichromacy



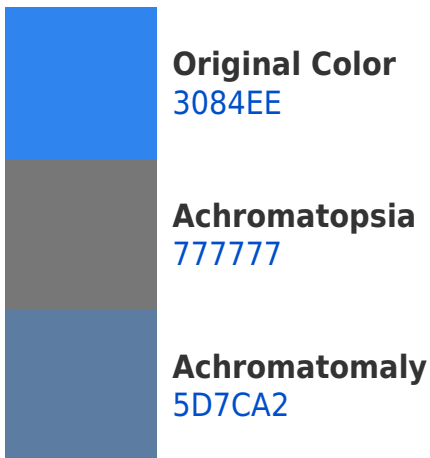


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3084EE 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 #3084EE looks like.

```
.text, #text, p{  
    color:#3084EE  
}
```

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 #3084EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3084EE
}
```

Border

The CSS property to change the border of an element to Hex 3084EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

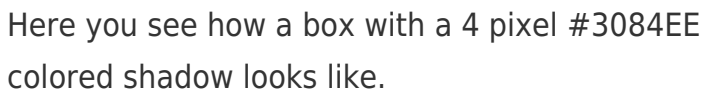
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3084EE }
```

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

```
.border{ border-color:#3084EE }
```

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



Here you see how a box with a 4 pixel #3084EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3084EE; -webkit-box-shadow:4px 4px  
4px 4px #3084EE; box-shadow:4px 4px 4px  
4px #3084EE }
```

Background

The CSS property to change the background color of an element to Hex 3084EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3084EE }
```

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

```
.background{ background-color:#3084EE }
```

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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