

Converting Colors

Hex(368DEE)

Have a look what the booklet for
Hex(368DEE) contains.

Hex(368DEE)	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(368DEE)

Conversions

Conversions Part 1

Format	Color
Hex	368DEE
RGB	54, 141, 238
RGB Percent	21%, 55%, 93%
CMY	0.7882, 0.4471, 0.0667
CMYK	0.77, 0.41, 0.00, 0.07
HSL	212°, 84%, 57%
HSV	212°, 77%, 93%
XYZ	26.4788, 26.0071, 84.5132
YIQ	126.0450, -82.9890, 11.7230

Conversions

Conversions Part 2

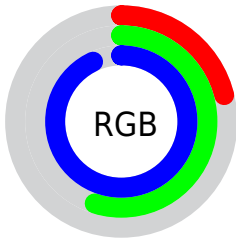
Format	Color
R _Y B	54, 113, 238
Decimal	3575278
CIE Lab	58.04, 7.40, -56.14
CIE LCh	58, 56.627, 277.510
Yxy	26.0071, 0.1933, 0.1898
Android (android.graphics.Color)	4281765358 (0xFF368DEE)
YUV	126.0450, 55.1938, -63.1835
Hunter-Lab	50.9971, 3.4361, -62.5583

Details

The Hex color **368DEE** 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 **EE9736**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7EC2FF**, and **005CB5** is the 20% darker color. If you saturate the color by 10%, you get **1E80EE**, and if you desaturate by 10%, it is **4E9AEE**.

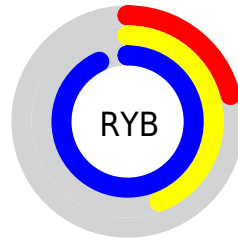
Distribution



Red (21%)

Green (55%)

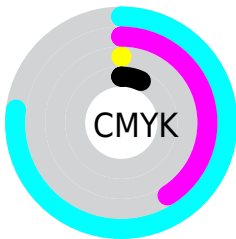
Blue (93%)



Red (21%)

Yellow (44%)

Blue (93%)

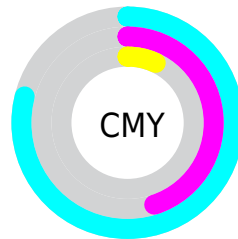


Cyan (77%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (79%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368DEE 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 368DEE by changing the saturation by 10% instead.

 368DEE

 368DEE

FFFFFF

 0074D1

 7EC2FF

 005CB5

 9DDEFF

 00459A

 BCFAFF

 003080

 DBFFFF

 001C66

 FAFFFF

 000A4D

 000535

 00021F

 000003

■ 368DEE

■ 368DEE

■ 1E80EE

■ 4E9AEE

■ 0674EE

■ 66A6EE

■ 0071EE

■ 7DB3EE

■ 95BFEE

■ ADCCEE

■ C5D8EE

■ DDE5EE

■ F4F1EE

■ FFFEEE

Harmonies

Analogous

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



009BE7



368DEE



9E79DB

Triad

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



368DEE



DF6752



00A164

Complementary

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



368DEE



EE9736

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.



659A37



368DEE



C37B2C

Square

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



368DEE



E55C81



9A8D1D



00A397

Rectangle

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



368DEE



C46BC1



9A8D1D



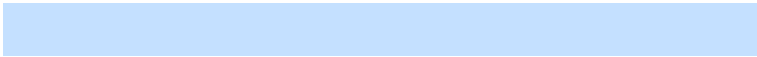
319F54

Sweetspot

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



368DEE



C4E0FF



36EE95



5C6D80



000000



808080

Same Dimension

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



368DEE



1282FF



3936EE



6C7278



0057B8



001B38

Inverse Universe

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



EE368D



FF1282



EBEE36



786C72



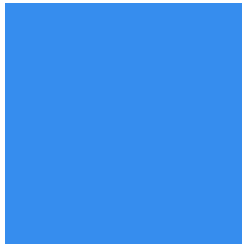
B80057



38001B

Previews

White Background



This preview shows how the Hex color 368DEE looks on a white background.

Color Contrast Check

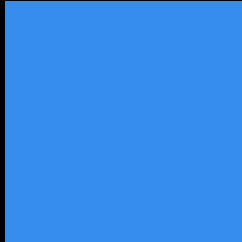
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 368DEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

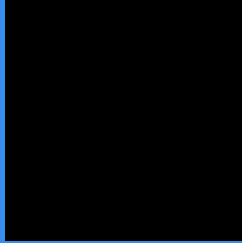
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

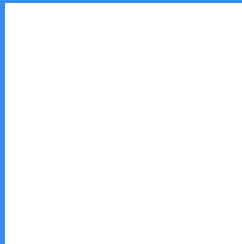
Any Text WCAG AAA × Fail

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

Hex 368DEE Background



This preview shows how black text looks on a background with the Hex color 368DEE.



This preview shows how white text looks on a background with the Hex color 368DEE.

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](#).

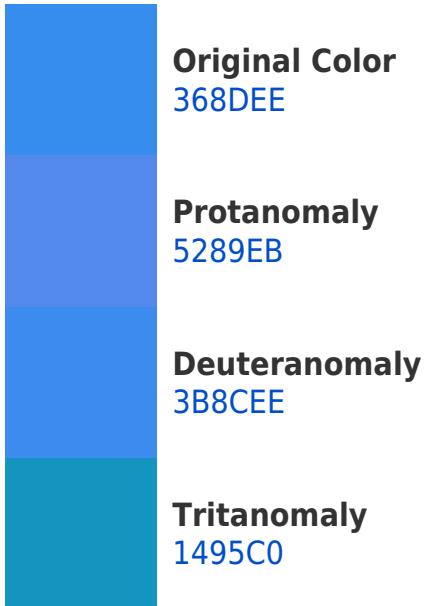
Dichromacy



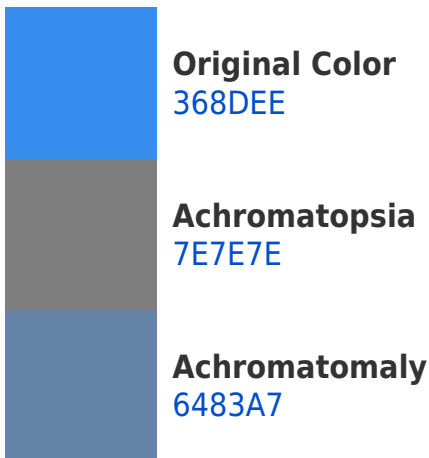


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 368DEE 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 #368DEE looks like.

```
.text, #text, p{  
    color:#368DEE  
}
```

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 #368DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368DEE
}
```

Border

The CSS property to change the border of an element to Hex 368DEE 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
#368DEE }
```

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

```
.border{ border-color:#368DEE }
```

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

Here you see how a box with a 4 pixel #368DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368DEE; -webkit-box-shadow:4px 4px  
4px 4px #368DEE; box-shadow:4px 4px 4px  
4px #368DEE }
```

Background

The CSS property to change the background color of an element to Hex 368DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368DEE }
```

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

```
.background{ background-color:#368DEE }
```

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