

Converting Colors

Hex(2369F0)

Have a look what the booklet for
Hex(2369F0) contains.

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Color

Hex(2369F0)

Conversions

Conversions Part 1

Format	Color
Hex	2369F0
RGB	35, 105, 240
RGB Percent	14%, 41%, 94%
CMY	0.8627, 0.5882, 0.0588
CMYK	0.85, 0.56, 0.00, 0.06
HSL	220°, 87%, 54%
HSV	220°, 85%, 94%
XYZ	21.4729, 16.7517, 84.5397
YIQ	99.4600, -85.0550, 27.1450

Conversions

Conversions Part 2

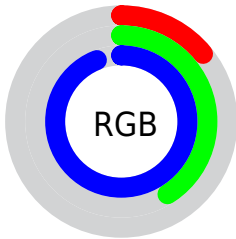
Format	Color
R_{YB}	35, 87, 240
Decimal	2320880
CIE _{Lab}	47.95, 28.90, -73.57
CIE _{LCh}	48, 79.042, 291.443
Yxy	16.7517, 0.1749, 0.1365
Android (android.graphics.Color)	4280510960 (0xFF2369F0)
YUV	99.4600, 69.2862, -56.5314
Hunter-Lab	40.9289, 22.0225, -93.8149

Details

The Hex color **2369F0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **F0AA23**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **769CFF**, and **003BB7** is the 20% darker color. If you saturate the color by 10%, you get **0B59F0**, and if you desaturate by 10%, it is **3B79F0**.

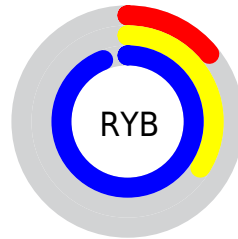
Distribution



Red (14%)

Green (41%)

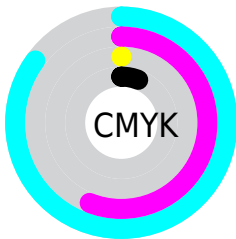
Blue (94%)



Red (14%)

Yellow (34%)

Blue (94%)

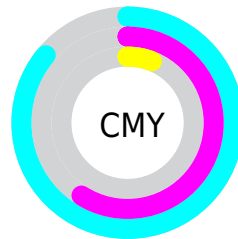


Cyan (85%)

Magenta (56%)

Yellow (0%)

Black (6%)



Cyan (86%)

Magenta (59%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2369F0 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 2369F0 by changing the saturation by 10% instead.

 2369F0

 2369F0

FFFFFF

 0051D3

 769CFF

 003BB7

 97B6FF

 00279B

 B7D2FF

 001680

 D6EEFF

 000266

 F5FFFF

 000A4D

 000535

 00021F

 000003

■ 2369F0

■ 2369F0

■ 0B59F0

■ 3B79F0

■ 0052F0

■ 5389F0

■ 6B98F0

■ 83A8F0

■ 9BB8F0

■ B3C8F0

■ CBD8F0

■ E3E7F0

■ FBF7F0

Harmonies

Analogous

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



0080F8



2369F0



AC42C6

Triad

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



2369F0



C84700



008C5C

Complementary

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



2369F0



F0AA23

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.



008709



2369F0



9B6800

Square

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



2369F0



E10C46



5D7D00



008EA1

Rectangle

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



2369F0



D11B9E



5D7D00



008B44

Sweetspot

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



2369F0



BDD3FF



23F0A8



586580



000000



808080

Same Dimension

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



2369F0



0057FF



4223F0



6C7078



003FB8



001338

Inverse Universe

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



F02369



FF0057



D1F023



786C70



B8003F



380013

Previews

White Background



This preview shows how the Hex color 2369F0 looks on a white background.

Color Contrast Check

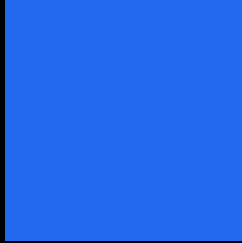
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2369F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

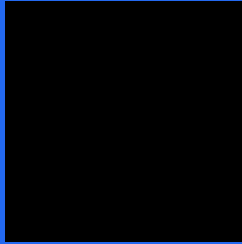
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

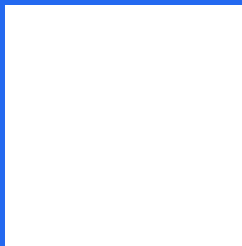
Any Text WCAG AAA × Fail

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

Hex 2369F0 Background



This preview shows how black text looks on a background with the Hex color 2369F0.

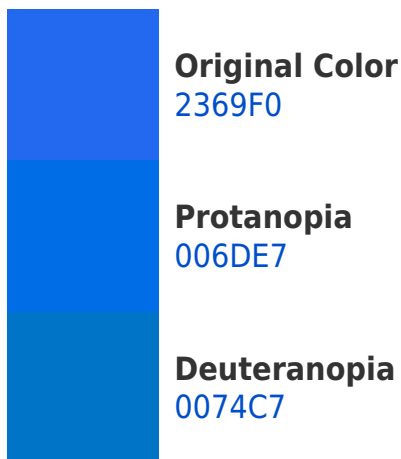


This preview shows how white text looks on a background with the Hex color 2369F0.

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](#).

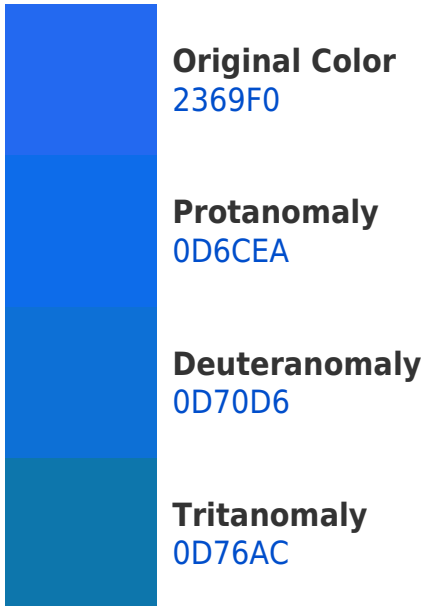
Dichromacy



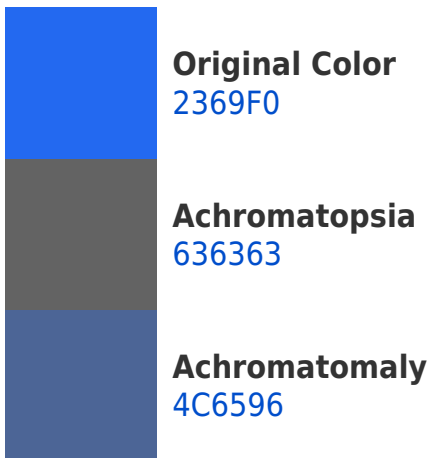


Tritanopia
007D85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2369F0 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 #2369F0 looks like.

```
.text, #text, p{  
    color:#2369F0  
}
```

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 #2369F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2369F0
}
```

Border

The CSS property to change the border of an element to Hex 2369F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

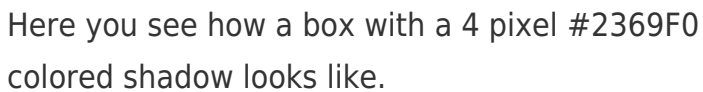
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2369F0 }
```

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

```
.border{ border-color:#2369F0 }
```

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



Here you see how a box with a 4 pixel #2369F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2369F0; -webkit-box-shadow:4px 4px  
4px 4px #2369F0; box-shadow:4px 4px 4px  
4px #2369F0 }
```

Background

The CSS property to change the background color of an element to Hex 2369F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2369F0 }
```

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

```
.background{ background-color:#2369F0 }
```

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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