

Converting Colors

Hex(2168EB)

Have a look what the booklet for
Hex(2168EB) contains.

Hex(2168EB)	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(2168EB)

Conversions

Conversions Part 1

Format	Color
Hex	2168EB
RGB	33, 104, 235
RGB Percent	13%, 41%, 92%
CMY	0.8706, 0.5922, 0.0784
CMYK	0.86, 0.56, 0.00, 0.08
HSL	219°, 83%, 53%
HSV	219°, 86%, 92%
XYZ	20.5729, 16.2221, 80.6441
YIQ	97.7050, -84.3670, 25.6890

Conversions

Conversions Part 2

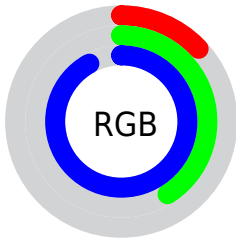
Format	Color
R _Y B	33, 86, 235
Decimal	2189547
CIE Lab	47.26, 27.52, -71.88
CIE LCh	47, 76.964, 290.948
Yxy	16.2221, 0.1752, 0.1381
Android (android.graphics.Color)	4280379627 (0xFF2168EB)
YUV	97.7050, 67.6864, -56.7463
Hunter-Lab	40.2767, 20.6917, -90.5199

Details

The Hex color **2168EB** 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 **EBA421**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **749AFF**, and **003AB2** is the 20% darker color. If you saturate the color by 10%, you get **0A59EB**, and if you desaturate by 10%, it is **3877EB**.

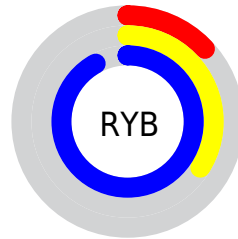
Distribution



Red (13%)

Green (41%)

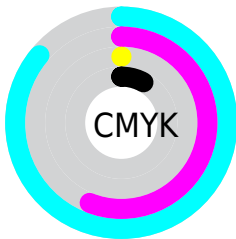
Blue (92%)



Red (13%)

Yellow (34%)

Blue (92%)

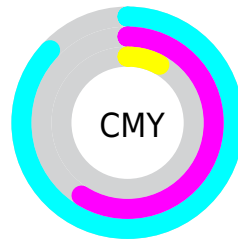


Cyan (86%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (87%)

Magenta (59%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2168EB 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 2168EB by changing the saturation by 10% instead.

 2168EB

 2168EB

FFFFFF

 0050CE

 749AFF

 003AB2

 95B5FF

 002697

 B4D0FF

 00157C

 D4EDFF

 000462

 F3FFFF

 000949

 000432

 00011C

 000000

■ 2168EB

■ 2168EB

■ 0A59EB

■ 3877EB

■ 0053EB

■ 5086EB

■ 6896EB

■ 7FA5EB

■ 96B4EB

■ AEC3EB

■ C6D3EB

■ DDE2EB

■ F4F1EB

Harmonies

Analogous

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



007EF2



2168EB



A843C3

Triad

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



2168EB



C54600



008A5A

Complementary

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



2168EB



EBA421

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.



00850A



2168EB



996700

Square

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



2168EB



DD1247



5D7A00



008B9D

Rectangle

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



2168EB



CC209C



5D7A00



008943

Sweetspot

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



2168EB



BDD4FF



21EBA1



586680



000000



808080

Same Dimension

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



2168EB



005AFF



3C21EB



6A6E75



0040B5



001336

Inverse Universe

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



EB2168



FF005A



D0EB21



756A6E



B50040



360013

Previews

White Background



This preview shows how the Hex color 2168EB looks on a white background.

Color Contrast Check

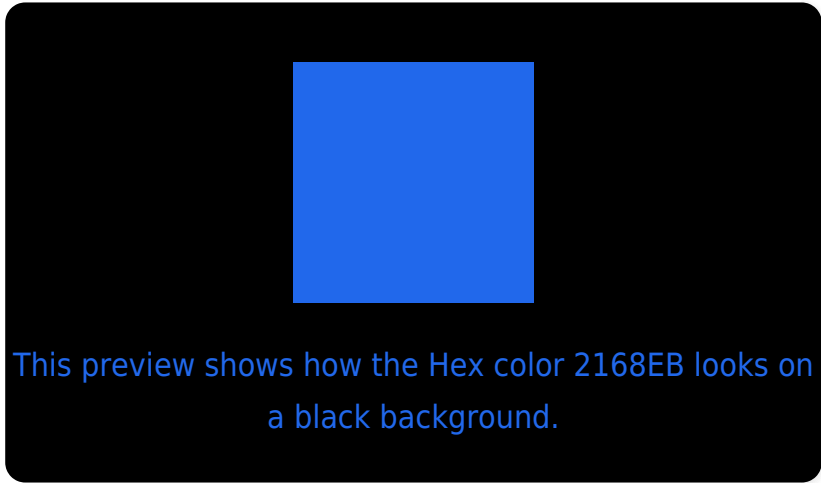
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

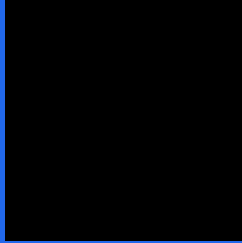
Any Text WCAG AA × Fail

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 2168EB Background



This preview shows how black text looks on a background with the Hex color 2168EB.

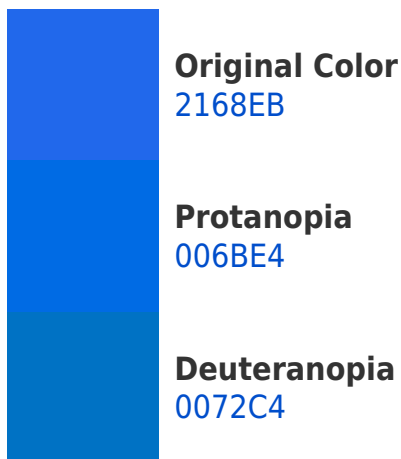


This preview shows how white text looks on a background with the Hex color 2168EB.

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](#).

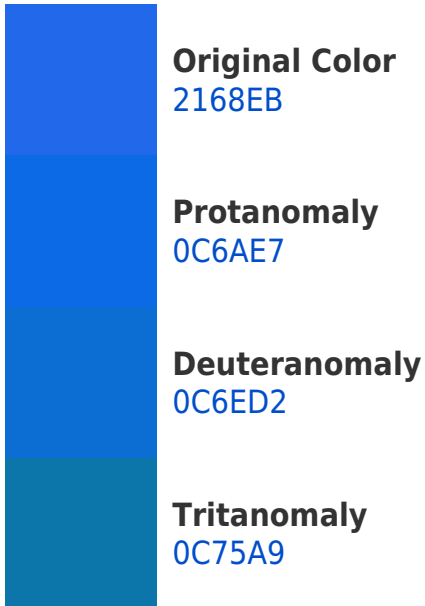
Dichromacy





Tritanopia
007C83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2168EB 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 #2168EB looks like.

```
.text, #text, p{  
    color:#2168EB  
}
```

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 #2168EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2168EB
}
```

Border

The CSS property to change the border of an element to Hex 2168EB 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
#2168EB }
```

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

```
.border{ border-color:#2168EB }
```

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

Here you see how a box with a 4 pixel #2168EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2168EB; -webkit-box-shadow:4px 4px  
4px 4px #2168EB; box-shadow:4px 4px 4px  
4px #2168EB }
```

Background

The CSS property to change the background color of an element to Hex 2168EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2168EB }
```

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

```
.background{ background-color:#2168EB }
```

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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