

Converting Colors

Hex(0868E2)

Have a look what the booklet for
Hex(0868E2) contains.

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Color

Hex(0868E2)

Conversions

Conversions Part 1

Format	Color
Hex	0868E2
RGB	8, 104, 226
RGB Percent	3%, 41%, 89%
CMY	0.9686, 0.5922, 0.1137
CMYK	0.96, 0.54, 0.00, 0.11
HSL	214°, 93%, 46%
HSV	214°, 96%, 89%
XYZ	18.7779, 15.4432, 73.9426
YIQ	89.2040, -96.3780, 17.5900

Conversions

Conversions Part 2

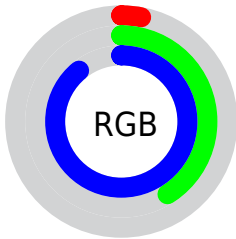
Format	Color
R _Y B	8, 75, 226
Decimal	551138
CIE Lab	46.24, 22.95, -68.49
CIE LCh	46, 72.237, 288.527
Yxy	15.4432, 0.1736, 0.1428
Android (android.graphics.Color)	4278741218 (0xFF0868E2)
YUV	89.2040, 67.4404, -71.2159
Hunter-Lab	39.2979, 16.5223, -84.0511

Details

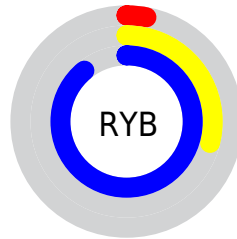
The Hex color **0868E2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E28208**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6B9AFF**, and **003AAA** is the 20% darker color. If you saturate the color by 10%, you get **0064E2**, and if you desaturate by 10%, it is **1F75E2**.

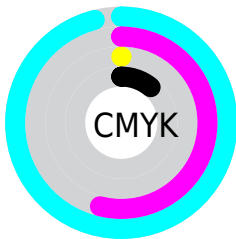
Distribution



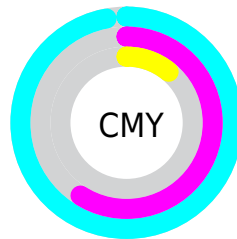
- Red (3%)
- Green (41%)
- Blue (89%)



- Red (3%)
- Yellow (29%)
- Blue (89%)



- Cyan (96%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)




- Cyan (97%)
- Magenta (59%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0868E2 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 0868E2 by changing the saturation by 10% instead.

 0868E2

 0868E2

FFFFFF

 0051C5

 6B9AFF

 003AAA

 8CB5FF

 00268E

 ABD0FF

 001574

 CAECFF

 00085B

 EAFFFF

 000742

 00032B

 000115

 000000

■ 0868E2

■ 0868E2

■ 0064E2

■ 1F75E2

■ 3581E2

■ 4C8EE2

■ 629BE2

■ 79A7E2

■ 90B4E2

■ A6C1E2

■ BDCDE2

■ D3DAE2

Harmonies

Analogous

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



007CE6



0868E2



9C48BF

Triad

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



0868E2



C1440B



008653

Complementary

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



0868E2



E28208

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.



00810A



0868E2



986300

Square

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



0868E2



D51C4B



627600



008793

Rectangle

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



0868E2



C12C9B



627600



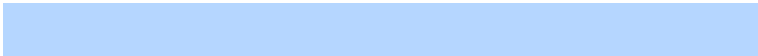
00853E

Sweetspot

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



0868E2



B5D6FF



08E280



536780



000000



808080

Same Dimension

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



0868E2



0070FF



1308E2



656A70



004DB0



001530

Inverse Universe

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



E20868



FF0070



D7E208



70656A



B0004D



300015

Previews

White Background



This preview shows how the Hex color 0868E2 looks on a white background.

Color Contrast Check

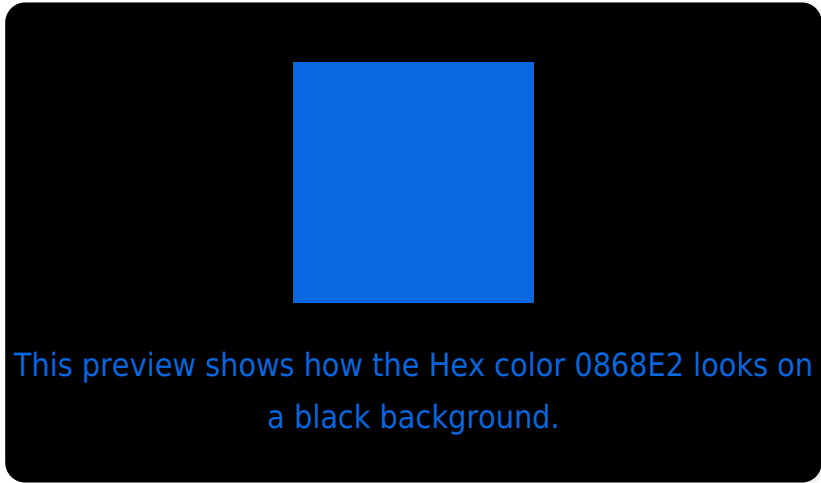
Large Text (above 18pt) WCAG AA ✓ Pass

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

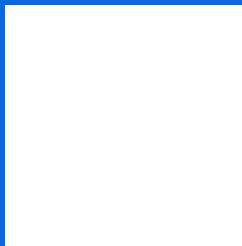
Any Text WCAG AAA × Fail

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

Hex 0868E2 Background



This preview shows how black text looks on a background with the Hex color 0868E2.



This preview shows how white text looks on a background with the Hex color 0868E2.

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



Original Color
0868E2

Protanopia
0069DF

Deuteranopia
0070C0



Tritanopia
007981

Trichromacy



Original Color
0868E2

Protanomaly
0369E0

Deuteranomaly
036DCC

Tritanomaly
0373A4

Monochromacy



Original Color
0868E2

Achromatopsia
595959

Achromatomaly
3C5E8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0868E2 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 #0868E2 looks like.

```
.text, #text, p{  
    color:#0868E2  
}
```

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 #0868E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0868E2
}
```

Border

The CSS property to change the border of an element to Hex 0868E2 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
#0868E2 }
```

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

```
.border{ border-color:#0868E2 }
```

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

Here you see how a box with a 4 pixel #0868E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0868E2; -webkit-box-shadow:4px 4px  
4px 4px #0868E2; box-shadow:4px 4px 4px  
4px #0868E2 }
```

Background

The CSS property to change the background color of an element to Hex 0868E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0868E2 }
```

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

```
.background{ background-color:#0868E2 }
```

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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