

Converting Colors

Hex(1166E8)

Have a look what the booklet for
Hex(1166E8) contains.

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Color

Hex(1166E8)

Conversions

Conversions Part 1

Format	Color
Hex	1166E8
RGB	17, 102, 232
RGB Percent	7%, 40%, 91%
CMY	0.9333, 0.6000, 0.0902
CMYK	0.93, 0.56, 0.00, 0.09
HSL	216°, 86%, 49%
HSV	216°, 93%, 91%
XYZ	19.5480, 15.4481, 78.2954
YIQ	91.4050, -92.3900, 22.4100

Conversions

Conversions Part 2

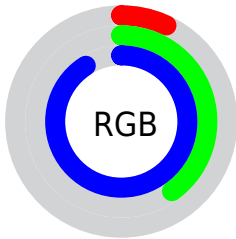
Format	Color
R_{YB}	17, 78, 232
Decimal	1140456
CIE _{Lab}	46.24, 26.85, -71.87
CIE _{LCh}	46, 76.719, 290.489
Yxy	15.4481, 0.1725, 0.1364
Android (android.graphics.Color)	4279330536 (0xFF1166E8)
YUV	91.4050, 69.3133, -65.2532
Hunter-Lab	39.3041, 19.9955, -90.5954

Details

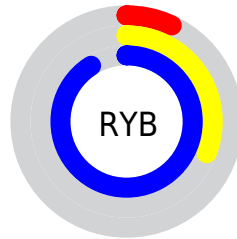
The Hex color **1166E8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E89311**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6E98FF**, and **0039AF** is the 20% darker color. If you saturate the color by 10%, you get **005CE8**, and if you desaturate by 10%, it is **2874E8**.

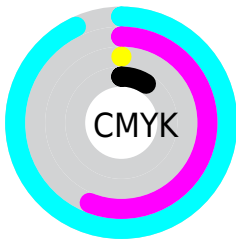
Distribution



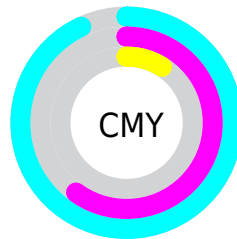
- Red (7%)
- Green (40%)
- Blue (91%)



- Red (7%)
- Yellow (31%)
- Blue (91%)



- Cyan (93%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)





- Cyan (93%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1166E8 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 1166E8 by changing the saturation by 10% instead.

 1166E8

 1166E8

FFFFFF

 004FCB

 6E98FF

 0039AF

 8FB3FF

 002594

 AFCEFF

 001479

 CEEAFF

 000760

 EEEFFF

 000847

 00042F

 00011A

 000000

■ 1166E8

■ 1166E8

■ 005CE8

■ 2874E8

■ 3F82E8

■ 5790E8

■ 6E9EE8

■ 85ACE8

■ 9CBAE8

■ B3C8E8

■ CBD6E8

■ E2E4E8

Harmonies

Analogous

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



007CEE



1166E8



A441C1

Triad

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



1166E8



C24300



008756

Complementary

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



1166E8



E89311

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.



008204



1166E8



976400

Square

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



1166E8



D90945



5C7800



008899

Rectangle

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



1166E8



C81D9A



5C7800



00863F

Sweetspot

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



1166E8



B8D4FF



11E892



546580



000000



808080

Same Dimension

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



1166E8



0065FF



2611E8



676C73



0047B3



001433

Inverse Universe

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



E81166



FF0065



D3E811



73676C



B30047



330014

Previews

White Background



This preview shows how the Hex color 1166E8 looks on a white background.

Color Contrast Check

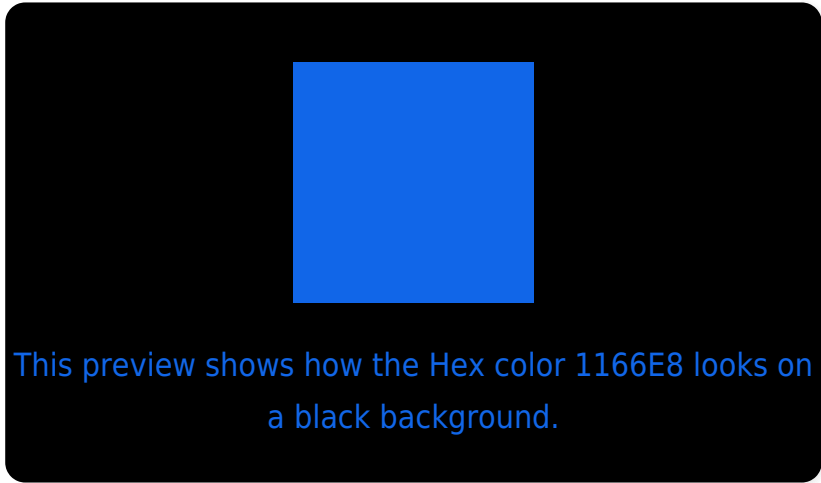
Large Text (above 18pt) WCAG AA ✓ Pass

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

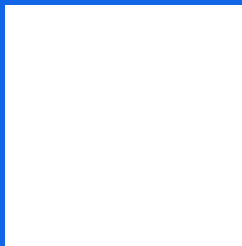
Any Text WCAG AAA × Fail

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

Hex 1166E8 Background



This preview shows how black text looks on a background with the Hex color 1166E8.



This preview shows how white text looks on a background with the Hex color 1166E8.

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
1166E8

Protanopia
0069DF

Deuteranopia
0070BF

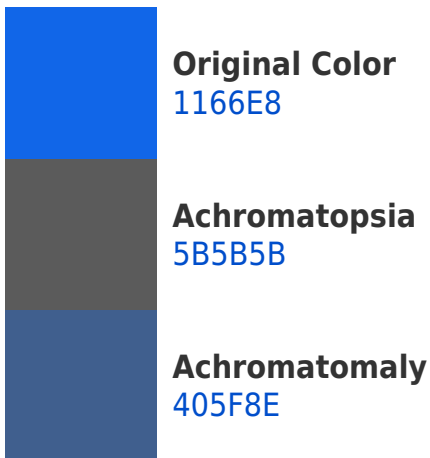


Tritanopia
007980

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1166E8 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 #1166E8 looks like.

```
.text, #text, p{  
    color:#1166E8  
}
```

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 #1166E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1166E8
}
```

Border

The CSS property to change the border of an element to Hex 1166E8 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
#1166E8 }
```

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

```
.border{ border-color:#1166E8 }
```

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

Here you see how a box with a 4 pixel #1166E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1166E8; -webkit-box-shadow:4px 4px  
4px 4px #1166E8; box-shadow:4px 4px 4px  
4px #1166E8 }
```

Background

The CSS property to change the background color of an element to Hex 1166E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1166E8 }
```

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

```
.background{ background-color:#1166E8 }
```

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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