

Converting Colors

Hex(3173E8)

Have a look what the booklet for
Hex(3173E8) contains.

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Color

Hex(3173E8)

Conversions

Conversions Part 1

Format	Color
Hex	3173E8
RGB	49, 115, 232
RGB Percent	19%, 45%, 91%
CMY	0.8078, 0.5490, 0.0902
CMYK	0.79, 0.50, 0.00, 0.09
HSL	218°, 80%, 55%
HSV	218°, 79%, 91%
XYZ	21.9628, 18.7406, 78.8037
YIQ	108.6040, -76.8930, 22.3950

Conversions

Conversions Part 2

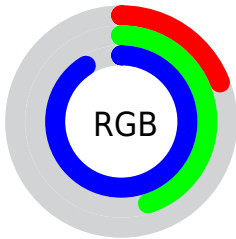
Format	Color
R_{YB}	49, 98, 232
Decimal	3240936
CIE _{Lab}	50.38, 20.69, -65.11
CIE _{LCh}	50, 68.323, 287.629
Yxy	18.7406, 0.1838, 0.1568
Android (android.graphics.Color)	4281431016 (0xFF3173E8)
YUV	108.6040, 60.8342, -52.2727
Hunter-Lab	43.2905, 14.8014, -77.6251

Details

The Hex color **3173E8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **E8A631**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7AA6FF**, and **0044AF** is the 20% darker color. If you saturate the color by 10%, you get **1A64E8**, and if you desaturate by 10%, it is **4882E8**.

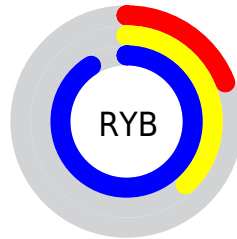
Distribution



Red (19%)

Green (45%)

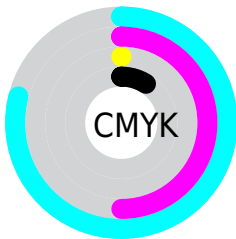
Blue (91%)



Red (19%)

Yellow (38%)

Blue (91%)

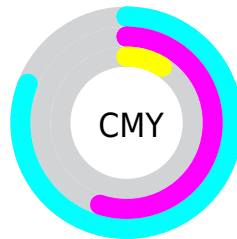


Cyan (79%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (81%)

Magenta (55%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3173E8 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 3173E8 by changing the saturation by 10% instead.

■ 3173E8

■ 3173E8

FFFFFF

■ 005BCB

■ 7AA6FF

■ 0044AF

■ 9AC1FF

■ 002F94

■ B9DDFF

■ 001C7A

■ D8F9FF

■ 000060


■ F7FFFF


■ 000847

■ 000430

■ 00011A

■ 000000

 3173E8

 3173E8

 1A64E8

 4882E8

 0355E8

 5F91E8

 0054E8

 779FE8

 8EAE8

 A5BDE8

 BCCCE8

 D3DBE8

 EBEAE8

 FFF8E8

Harmonies

Analogous

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



0086EA



3173E8



A456C7

Triad

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



3173E8



CB5121



00905D

Complementary

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



3173E8



E8A631

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.



1E8B1F



3173E8



A56D00

Square

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



3173E8



DD3658



718000



00929A

Rectangle

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



3173E8



C741A5



718000



008F49

Sweetspot

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



3173E8



C2D8FF



31E8A5



5B6880



000000



808080

Same Dimension

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



3173E8



0D64FF



4931E8



676B73



0040B3



001233

Inverse Universe

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



E83173



FF0D64



D0E831



73676B



B30040



330012

Previews

White Background



This preview shows how the Hex color 3173E8 looks on a white background.

Color Contrast Check

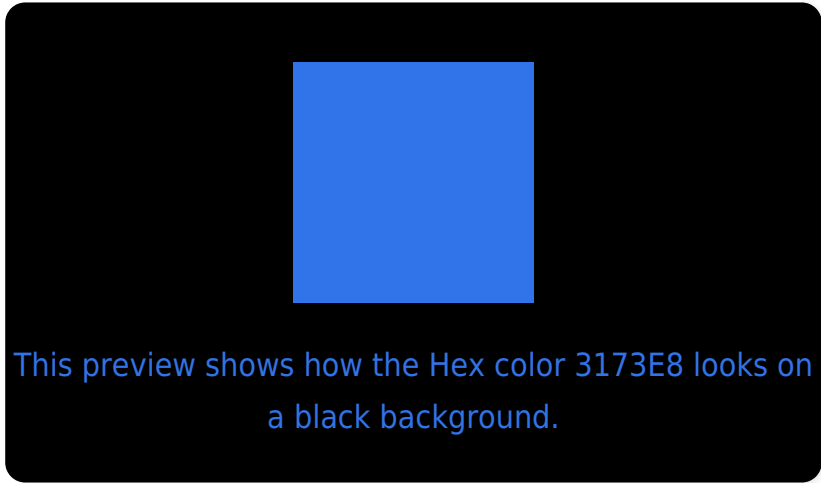
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

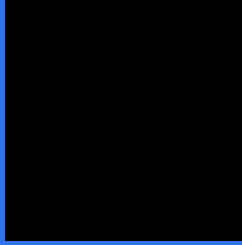
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

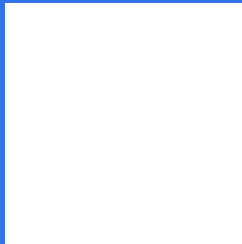
Any Text WCAG AAA × Fail

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

Hex 3173E8 Background



This preview shows how black text looks on a background with the Hex color 3173E8.

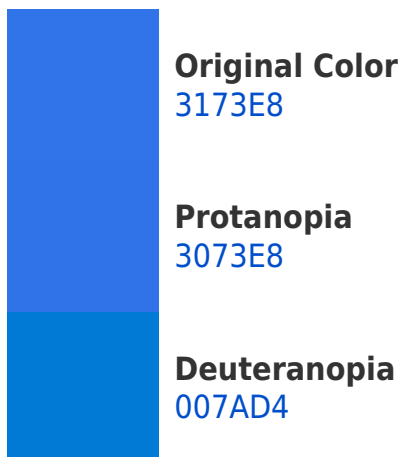


This preview shows how white text looks on a background with the Hex color 3173E8.

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](#).

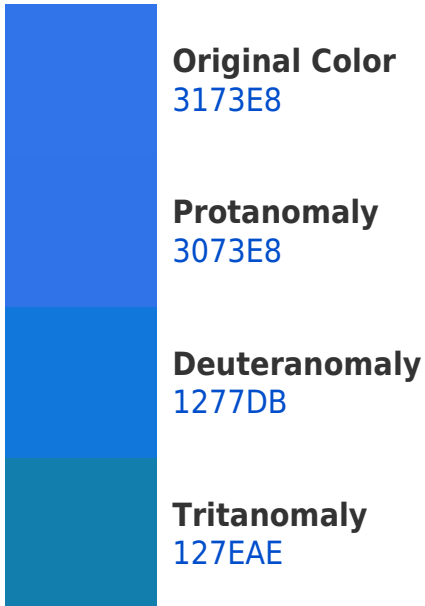
Dichromacy



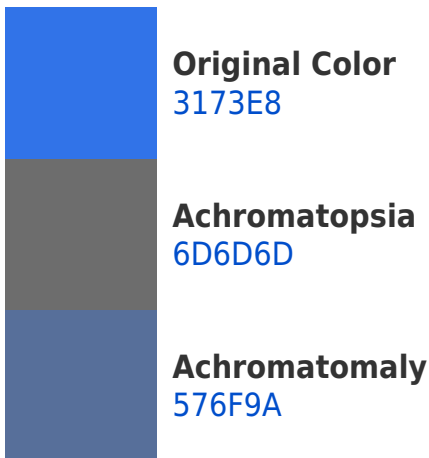


Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3173E8 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 #3173E8 looks like.

```
.text, #text, p{  
    color:#3173E8  
}
```

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 #3173E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3173E8
}
```

Border

The CSS property to change the border of an element to Hex 3173E8 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
#3173E8 }
```

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

```
.border{ border-color:#3173E8 }
```

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

Here you see how a box with a 4 pixel #3173E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3173E8; -webkit-box-shadow:4px 4px  
4px 4px #3173E8; box-shadow:4px 4px 4px  
4px #3173E8 }
```

Background

The CSS property to change the background color of an element to Hex 3173E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3173E8 }
```

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

```
.background{ background-color:#3173E8 }
```

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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