

Converting Colors

Hex(3775E8)

Have a look what the booklet for
Hex(3775E8) contains.

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Color

Hex(3775E8)

Conversions

Conversions Part 1

Format	Color
Hex	3775E8
RGB	55, 117, 232
RGB Percent	22%, 46%, 91%
CMY	0.7843, 0.5412, 0.0902
CMYK	0.76, 0.50, 0.00, 0.09
HSL	219°, 79%, 56%
HSV	219°, 76%, 91%
XYZ	22.5023, 19.3610, 78.8950
YIQ	111.5720, -73.8670, 22.6210

Conversions

Conversions Part 2

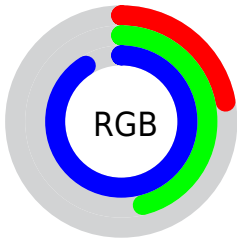
Format	Color
R _Y B	55, 101, 232
Decimal	3634664
CIE Lab	51.11, 20.06, -63.93
CIE LCh	51, 67.008, 287.420
Yxy	19.3610, 0.1863, 0.1603
Android (android.graphics.Color)	4281824744 (0xFF3775E8)
YUV	111.5720, 59.3710, -49.6136
Hunter-Lab	44.0011, 14.2835, -75.5074

Details

The Hex color **3775E8** 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 **E8AA37**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7EA8FF**, and **0046AF** is the 20% darker color. If you saturate the color by 10%, you get **2066E8**, and if you desaturate by 10%, it is **4E84E8**.

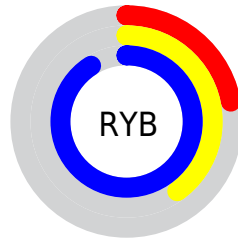
Distribution



Red (22%)

Green (46%)

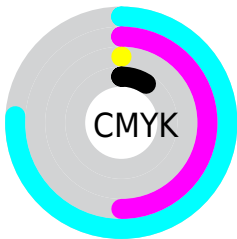
Blue (91%)



Red (22%)

Yellow (40%)

Blue (91%)

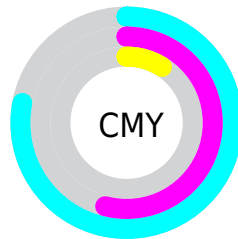


Cyan (76%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (78%)

Magenta (54%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3775E8 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 3775E8 by changing the saturation by 10% instead.

 3775E8

 3775E8

FFFFFF

 005DCB

 7EA8FF

 0046AF

 9DC3FF

 003194

 BCDFFF

 001E7A

 DBFCFF

 000360

 FAFFFF

 000847

 000430

 00011A

 000000

■ 3775E8

■ 3775E8

■ 2066E8

■ 4E84E8

■ 0957E8

■ 6593E8

■ 0051E8

■ 7DA2E8

■ 94B1E8

■ ABC0E8

■ C2CFE8

■ D9DFE8

■ F1EEE8

■ FFFDE8

Harmonies

Analogous

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



0087EA



3775E8



A559C8

Triad

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



3775E8



CC5425



00925F

Complementary

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



3775E8



E8AA37

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.



268C23



3775E8



A76E00

Square

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



3775E8



DE3B5B



748100



00939A

Rectangle

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



3775E8



C845A7



748100



00904B

Sweetspot

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



3775E8



C4D9FF



37E8A7



5C6880



000000



808080

Same Dimension

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



3775E8



1467FF



4F37E8



676B73



003FB3



001233

Inverse Universe

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



E83775



FF1467



D0E837



73676B



B3003F



330012

Previews

White Background



This preview shows how the Hex color 3775E8 looks on a white background.

Color Contrast Check

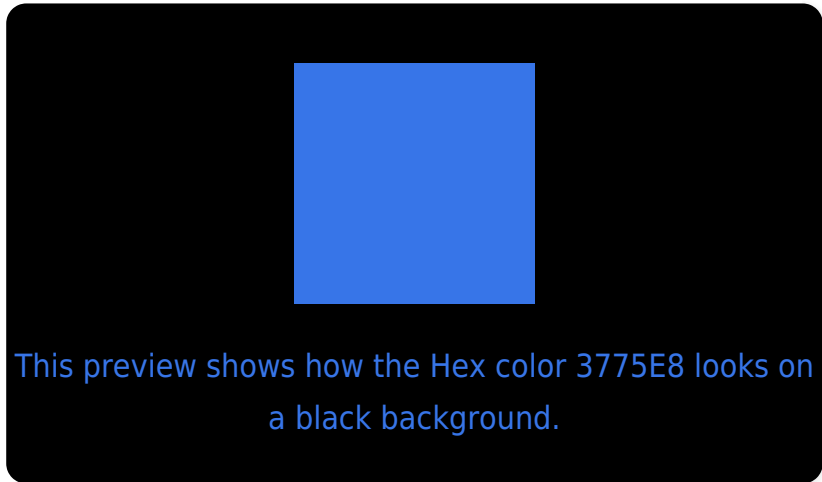
Large Text (above 18pt) WCAG AA ✓ Pass

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

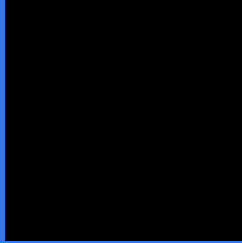
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

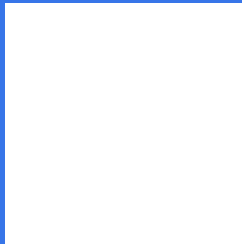
Any Text WCAG AAA × Fail

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

Hex 3775E8 Background



This preview shows how black text looks on a background with the Hex color 3775E8.

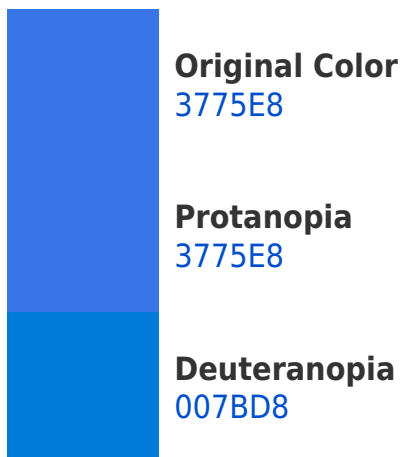


This preview shows how white text looks on a background with the Hex color 3775E8.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3775E8 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 #3775E8 looks like.

```
.text, #text, p{  
    color:#3775E8  
}
```

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 #3775E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3775E8
}
```

Border

The CSS property to change the border of an element to Hex 3775E8 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
#3775E8 }
```

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

```
.border{ border-color:#3775E8 }
```

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

Here you see how a box with a 4 pixel #3775E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3775E8; -webkit-box-shadow:4px 4px  
4px 4px #3775E8; box-shadow:4px 4px 4px  
4px #3775E8 }
```

Background

The CSS property to change the background color of an element to Hex 3775E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3775E8 }
```

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

```
.background{ background-color:#3775E8 }
```

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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