

Converting Colors

Hex(3478EC)

Have a look what the booklet for
Hex(3478EC) contains.

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Color

Hex(3478EC)

Conversions

Conversions Part 1

Format	Color
Hex	3478EC
RGB	52, 120, 236
RGB Percent	20%, 47%, 93%
CMY	0.7961, 0.5294, 0.0745
CMYK	0.78, 0.49, 0.00, 0.07
HSL	218°, 83%, 56%
HSV	218°, 78%, 93%
XYZ	23.2730, 20.2191, 82.0329
YIQ	112.8920, -77.7640, 21.6600

Conversions

Conversions Part 2

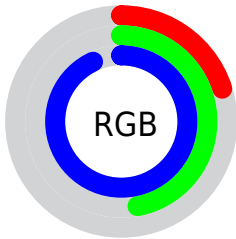
Format	Color
R _Y B	52, 102, 236
Decimal	3438828
CIE Lab	52.08, 19.34, -64.60
CIE LCh	52, 67.433, 286.666
Yxy	20.2191, 0.1854, 0.1611
Android (android.graphics.Color)	4281628908 (0xFF3478EC)
YUV	112.8920, 60.6922, -53.4023
Hunter-Lab	44.9657, 13.6966, -76.6894

Details

The Hex color **3478EC** 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 **ECA834**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7DACFF**, and **0049B3** is the 20% darker color. If you saturate the color by 10%, you get **1C69EC**, and if you desaturate by 10%, it is **4C87EC**.

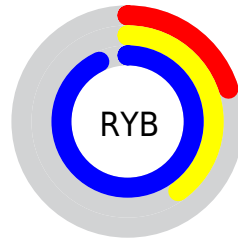
Distribution



Red (20%)

Green (47%)

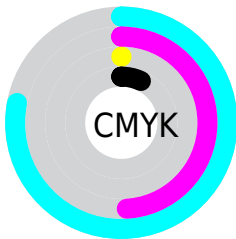
Blue (93%)



Red (20%)

Yellow (40%)

Blue (93%)

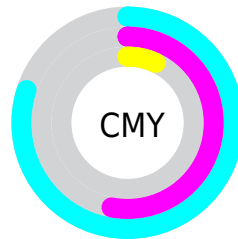


Cyan (78%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (80%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3478EC 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 3478EC by changing the saturation by 10% instead.

■ 3478EC

■ 3478EC

FFFFFF

■ 0060CF

■ 7DACFF

■ 0049B3

■ 9CC7FF

■ 003398

■ BBE3FF

■ 00207D

■ DAFFFF

■ 000964

■ F9FFFF

■ 00094B

■ 000433

■ 00021D

■ 000000

■ 3478EC

■ 3478EC

■ 1C69EC

■ 4C87EC

■ 055AEC

■ 6396EC

■ 0057EC

■ 7BA5EC

■ 92B4EC

■ AAC2EC

■ C2D1EC

■ D9E0EC

■ F1EFEC

■ FFFEEC

Harmonies

Analogous

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



008AED



3478EC



A65CCC

Triad

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



3478EC



D05628



00945F

Complementary

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



3478EC



ECA834

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.



2B8F23



3478EC



AB7000

Square

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



3478EC



E13D5F



788300



00969C

Rectangle

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



3478EC



CA48AB



788300



00934B

Sweetspot

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



3478EC



C4DAFF



34ECA5



5C6980



000000



808080

Same Dimension

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



3478EC



0F68FF



4934EC



6A6E75



0043B5



001436

Inverse Universe

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



EC3478



FF0F68



D7EC34



756A6E



B50043



360014

Previews

White Background



This preview shows how the Hex color 3478EC looks on a white background.

Color Contrast Check

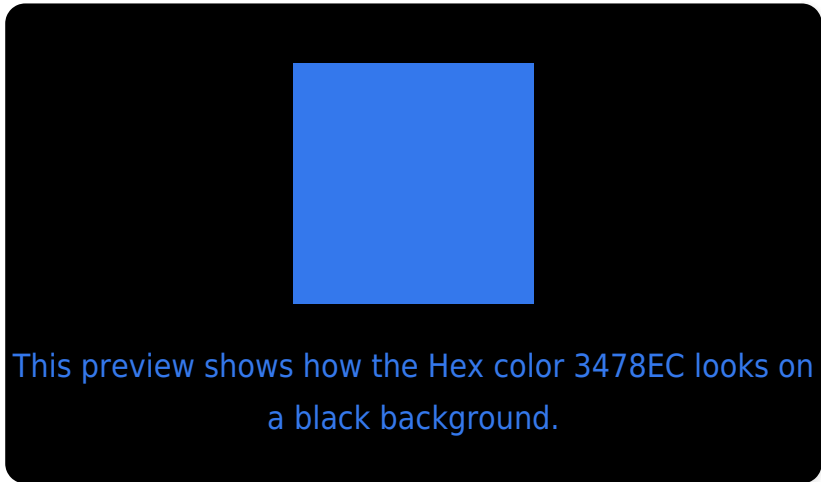
Large Text (above 18pt) WCAG AA ✓ Pass

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

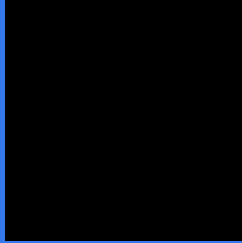
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

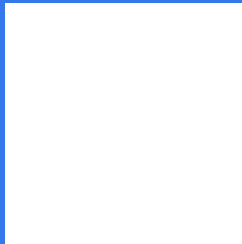
Any Text WCAG AAA × Fail

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

Hex 3478EC Background



This preview shows how black text looks on a background with the Hex color 3478EC.



This preview shows how white text looks on a background with the Hex color 3478EC.

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
008993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3478EC 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 #3478EC looks like.

```
.text, #text, p{  
    color:#3478EC  
}
```

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 #3478EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3478EC
}
```

Border

The CSS property to change the border of an element to Hex 3478EC 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
#3478EC }
```

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

```
.border{ border-color:#3478EC }
```

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

Here you see how a box with a 4 pixel #3478EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3478EC; -webkit-box-shadow:4px 4px  
4px 4px #3478EC; box-shadow:4px 4px 4px  
4px #3478EC }
```

Background

The CSS property to change the background color of an element to Hex 3478EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3478EC }
```

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

```
.background{ background-color:#3478EC }
```

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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