

Converting Colors

Hex(3877EC)

Have a look what the booklet for
Hex(3877EC) contains.

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Color

Hex(3877EC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3877EC |
| RGB | 56, 119, 236 |
| RGB Percent | 22%, 47%, 93% |
| CMY | 0.7804, 0.5333, 0.0745 |
| CMYK | 0.76, 0.50, 0.00, 0.07 |
| HSL | 219°, 83%, 57% |
| HSV | 219°, 76%, 93% |
| XYZ | 23.3680, 20.0905, 82.0031 |
| YIQ | 113.5010, -75.1050, 23.0310 |

Conversions

Conversions Part 2

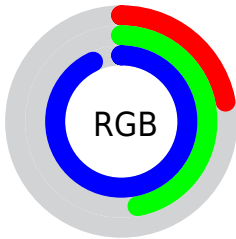
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 56, 103, 236 |
| Decimal | 3700716 |
| CIE Lab | 51.94, 20.39, -64.83 |
| CIE LCh | 52, 67.958, 287.459 |
| Yxy | 20.0905, 0.1863, 0.1601 |
| Android (android.graphics.Color) | 4281890796 (0xFF3877EC) |
| YUV | 113.5010, 60.3920, -50.4284 |
| Hunter-Lab | 44.8225, 14.6210, -77.0959 |

Details

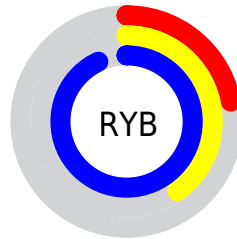
The Hex color **3877EC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **ECAD38**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7FABFF**, and **0048B3** is the 20% darker color. If you saturate the color by 10%, you get **2068EC**, and if you desaturate by 10%, it is **5086EC**.

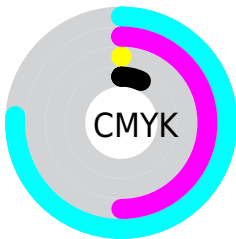
Distribution



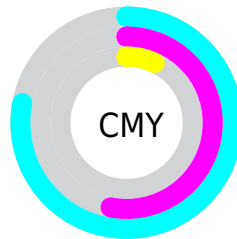
- Red (22%)
- Green (47%)
- Blue (93%)



- Red (22%)
- Yellow (40%)
- Blue (93%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)



- Cyan (78%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3877EC 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 3877EC by changing the saturation by 10% instead.

 3877EC

 3877EC

FFFFFF

 005FCF

 7FABFF

 0048B3

 9FC6FF

 003298

 BDE1FF


 001F7D

 DCFEFF

 000764

 FBFFFF

 00094B

 000433

 00021D

 000000

■ 3877EC

■ 3877EC

■ 2068EC

■ 5086EC

■ 0958EC

■ 6796EC

■ 0053EC

■ 7FA5EC

■ 96B4EC

■ AEC4EC

■ C6D3EC

■ DDE2EC

■ F5F2EC

■ FFFFEC

Harmonies

Analogous

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



008AEE



3877EC



A85BCB

Triad

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



3877EC



D05625



009461

Complementary

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



3877EC



ECAD38

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.



268F23



3877EC



AA7000

Square

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



3877EC



E23C5D



768300



00969D

Rectangle

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



3877EC



CB47AA



768300



00934C

Sweetspot

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



3877EC



C4D9FF



38ECAD



5C6880



000000



808080

Same Dimension

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



3877EC



1467FF



5338EC



6A6E75



003FB5



001336

Inverse Universe

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



EC3877



FF1467



D1EC38



756A6E



B5003F



360013

Previews

White Background



This preview shows how the Hex color 3877EC looks on a white background.

Color Contrast Check

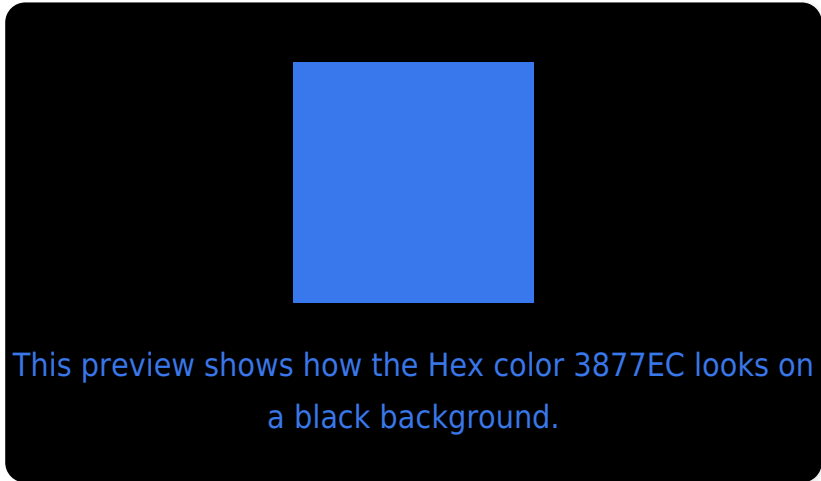
Large Text (above 18pt) WCAG AA ✓ Pass

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

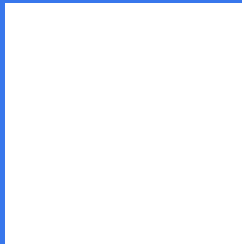
Any Text WCAG AAA × Fail

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

Hex 3877EC Background



This preview shows how black text looks on a background with the Hex color 3877EC.



This preview shows how white text looks on a background with the Hex color 3877EC.

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
008992

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3877EC 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 #3877EC looks like.

```
.text, #text, p{  
    color:#3877EC  
}
```

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 #3877EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3877EC
}
```

Border

The CSS property to change the border of an element to Hex 3877EC 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
#3877EC }
```

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

```
.border{ border-color:#3877EC }
```

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

Here you see how a box with a 4 pixel #3877EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3877EC; -webkit-box-shadow:4px 4px  
4px 4px #3877EC; box-shadow:4px 4px 4px  
4px #3877EC }
```

Background

The CSS property to change the background color of an element to Hex 3877EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3877EC }
```

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

```
.background{ background-color:#3877EC }
```

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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