

Converting Colors

Hex(3477ED)

Have a look what the booklet for
Hex(3477ED) contains.

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Color

Hex(3477ED)

Conversions

Conversions Part 1

Format	Color
Hex	3477ED
RGB	52, 119, 237
RGB Percent	20%, 47%, 93%
CMY	0.7961, 0.5333, 0.0706
CMYK	0.78, 0.50, 0.00, 0.07
HSL	218°, 84%, 57%
HSV	218°, 78%, 93%
XYZ	23.2991, 20.0381, 82.7605
YIQ	112.4190, -77.8100, 22.4940

Conversions

Conversions Part 2

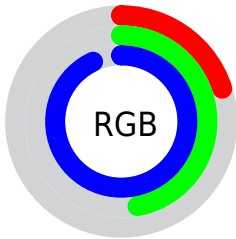
Format	Color
R_{YB}	52, 101, 237
Decimal	3438573
CIE _{Lab}	51.88, 20.33, -65.49
CIE _{LCh}	52, 68.573, 287.250
Yxy	20.0381, 0.1848, 0.1589
Android (android.graphics.Color)	4281628653 (0xFF3477ED)
YUV	112.4190, 61.4184, -52.9875
Hunter-Lab	44.7640, 14.5699, -78.2817

Details

The Hex color **3477ED** 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 **EDAA34**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7DABFF**, and **0048B4** is the 20% darker color. If you saturate the color by 10%, you get **1C68ED**, and if you desaturate by 10%, it is **4C86ED**.

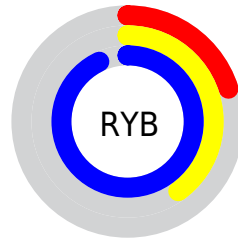
Distribution



Red (20%)

Green (47%)

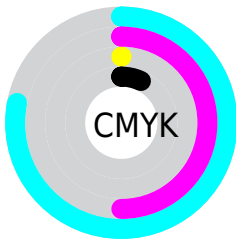
Blue (93%)



Red (20%)

Yellow (40%)

Blue (93%)

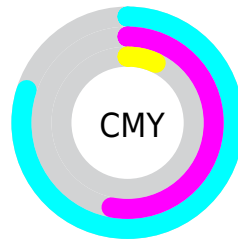


Cyan (78%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (80%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3477ED 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 3477ED by changing the saturation by 10% instead.

 3477ED

 3477ED

FFFFFF

 005FD0

 7DABFF

 0048B4

 9DC6FF

 003299

 BCE1FF

 001F7E

 DBFEFF

 000764

 FAFFFF

 00094B

 000434

 00021E

 000000

■ 3477ED

■ 3477ED

■ 1C68ED

■ 4C86ED

■ 0559ED

■ 6395ED

■ 0056ED

■ 7BA4ED

■ 93B3ED

■ ABC3ED

■ C2D2ED

■ DAE1ED

■ F2F0ED

■ FFFFED

Harmonies

Analogous

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



008AEF



3477ED



A75BCC

Triad

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



3477ED



D05525



009460

Complementary

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



3477ED



EDAA34

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.



258F21



3477ED



AA7000

Square

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



3477ED



E23A5D



768300



00969D

Rectangle

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



3477ED



CC46AA



768300



00934B

Sweetspot

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



3477ED



C4DAFF



34EDA9



5C6980



000000



808080

Same Dimension

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



3477ED



0F66FF



4D34ED



6A6E75



0042B5



001336

Inverse Universe

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



ED3477



FF0F66



D4ED34



756A6E



B50042



360013

Previews

White Background



This preview shows how the Hex color 3477ED 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



This preview shows how the Hex color 3477ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

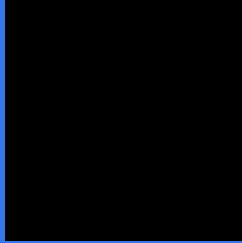
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

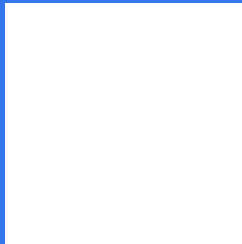
Any Text WCAG AAA × Fail

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

Hex 3477ED Background



This preview shows how black text looks on a background with the Hex color 3477ED.

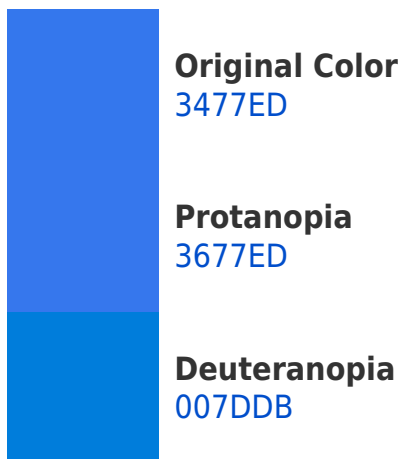


This preview shows how white text looks on a background with the Hex color 3477ED.

Color Blindness Simulation

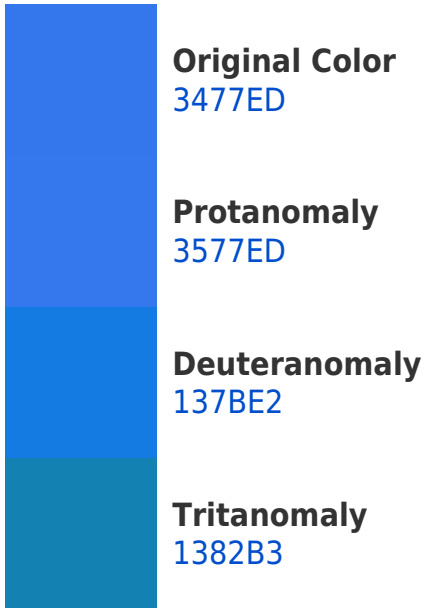
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

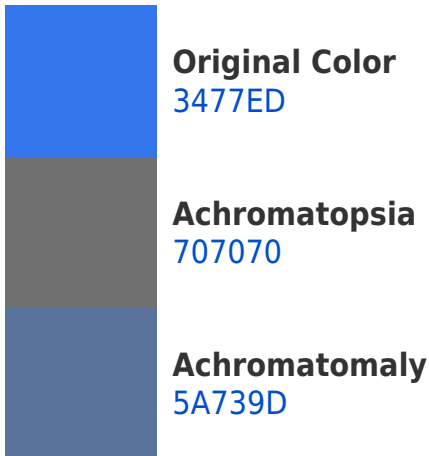




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3477ED 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 #3477ED looks like.

```
.text, #text, p{  
    color:#3477ED  
}
```

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 #3477ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3477ED
}
```

Border

The CSS property to change the border of an element to Hex 3477ED 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
#3477ED }
```

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

```
.border{ border-color:#3477ED }
```

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

Here you see how a box with a 4 pixel #3477ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3477ED; -webkit-box-shadow:4px 4px  
4px 4px #3477ED; box-shadow:4px 4px 4px  
4px #3477ED }
```

Background

The CSS property to change the background color of an element to Hex 3477ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3477ED }
```

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

```
.background{ background-color:#3477ED }
```

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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