

Converting Colors

Hex(3850E2)

Have a look what the booklet for
Hex(3850E2) contains.

Hex(3850E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3850E2)

Conversions

Conversions Part 1

Format	Color
Hex	3850E2
RGB	56, 80, 226
RGB Percent	22%, 31%, 89%
CMY	0.7804, 0.6863, 0.1137
CMYK	0.75, 0.65, 0.00, 0.11
HSL	232°, 75%, 55%
HSV	232°, 75%, 89%
XYZ	18.2270, 12.0691, 73.3204
YIQ	89.4680, -61.1700, 40.3180

Conversions

Conversions Part 2

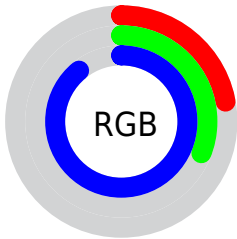
Format	Color
RYB	56, 77, 226
Decimal	3690722
CIELab	41.33, 41.24, -76.46
CIElCh	41, 86.876, 298.340
Yxy	12.0691, 0.1759, 0.1165
Android (android.graphics.Color)	4281880802 (0xFF3850E2)
YUV	89.4680, 67.3103, -29.3514
Hunter-Lab	34.7406, 32.8560, -100.8139

Details

The Hex color **3850E2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E2CA38**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7F81FF**, and **0024A9** is the 20% darker color. If you saturate the color by 10%, you get **213DE2**, and if you desaturate by 10%, it is **4F63E2**.

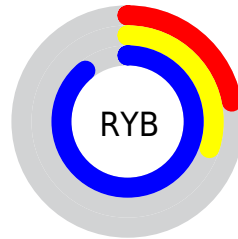
Distribution



Red (22%)

Green (31%)

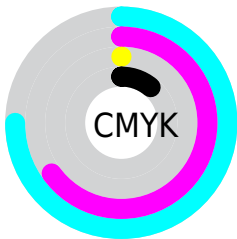
Blue (89%)



Red (22%)

Yellow (30%)

Blue (89%)

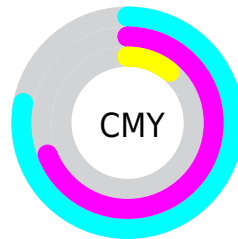


Cyan (75%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (78%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3850E2 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 3850E2 by changing the saturation by 10% instead.

 3850E2

 3850E2

FFFFFF

 0039C5

 7F81FF

 0024A9

 9F9BFF

 00118E

 BEB6FF

 000074

 DDD2FF

 000A5A

 FCEEFF

 000741

 00032A

 000114

 000000

■ 3850E2

■ 3850E2

■ 213DE2

■ 4F63E2

■ 0B29E2

■ 6577E2

■ 0020E2

■ 7C8AE2

■ 929EE2

■ A9B1E2

■ C0C4E2

■ D6D8E2

■ EDEBE2

■ FFFFE2

Harmonies

Analogous

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



006EF4



3850E2



AE00AE

Triad

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



3850E2



B03A00



007C5B

Complementary

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



3850E2



E2CA38

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.



007800



3850E2



7B5E00

Square

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



3850E2



D10023



307000



007DA4

Rectangle

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



3850E2



CD0081



307000



007B42

Sweetspot

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



3850E2



C4CDFF



38E2C8



5C6180



000000



808080

Same Dimension

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



3850E2



193AFF



7338E2



656770



0019B0



000730

Inverse Universe

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



E23850



FF193A



A6E238



706567



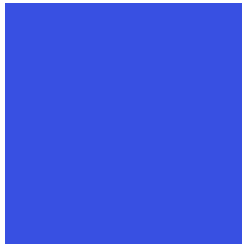
B00019



300007

Previews

White Background



This preview shows how the Hex color 3850E2 looks on a white background.

Color Contrast Check

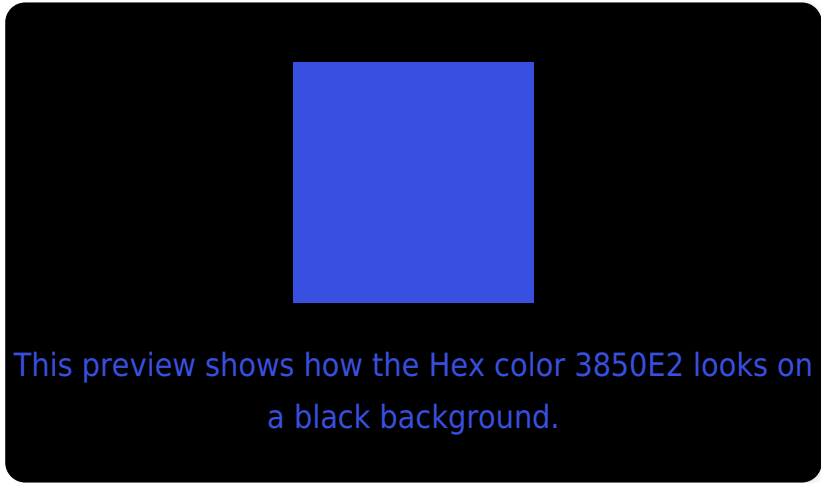
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

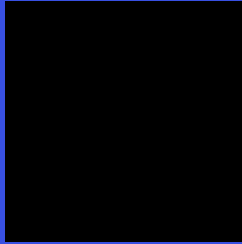
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3850E2 Background



This preview shows how black text looks on a background with the Hex color 3850E2.

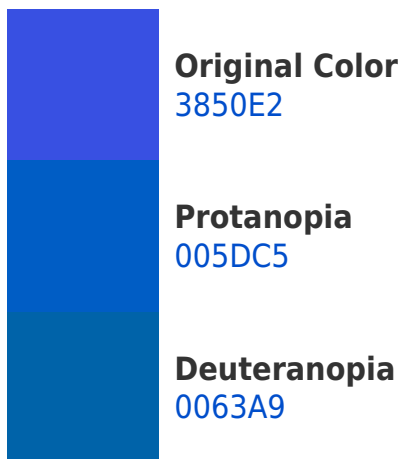


This preview shows how white text looks on a background with the Hex color 3850E2.

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](#).

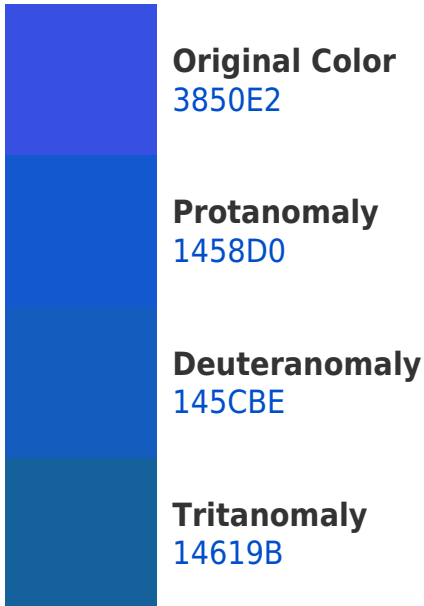
Dichromacy





Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3850E2 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 #3850E2 looks like.

```
.text, #text, p{  
    color:#3850E2  
}
```

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 #3850E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3850E2
}
```

Border

The CSS property to change the border of an element to Hex 3850E2 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
#3850E2 }
```

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

```
.border{ border-color:#3850E2 }
```

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

Here you see how a box with a 4 pixel #3850E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3850E2; -webkit-box-shadow:4px 4px  
4px 4px #3850E2; box-shadow:4px 4px 4px  
4px #3850E2 }
```

Background

The CSS property to change the background color of an element to Hex 3850E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3850E2 }
```

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

```
.background{ background-color:#3850E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor