

Converting Colors

Hex(3968ED)

Have a look what the booklet for
Hex(3968ED) contains.

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Color

Hex(3968ED)

Conversions

Conversions Part 1

Format	Color
Hex	3968ED
RGB	57, 104, 237
RGB Percent	22%, 41%, 93%
CMY	0.7765, 0.5922, 0.0706
CMYK	0.76, 0.56, 0.00, 0.07
HSL	224°, 83%, 58%
HSV	224°, 76%, 93%
XYZ	21.9237, 16.8849, 82.2244
YIQ	105.1090, -70.7050, 31.3990

Conversions

Conversions Part 2

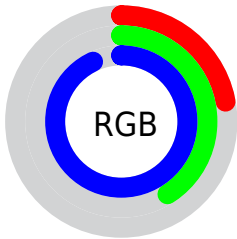
Format	Color
RYB	57, 94, 237
Decimal	3762413
CIELab	48.11, 30.28, -71.59
CIELCh	48, 77.728, 292.930
Yxy	16.8849, 0.1811, 0.1395
Android (android.graphics.Color)	4281952493 (0xFF3968ED)
YUV	105.1090, 65.0223, -42.1916
Hunter-Lab	41.0913, 23.3267, -89.8765

Details

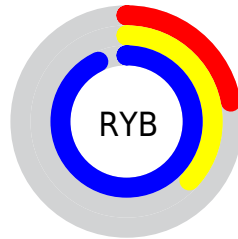
The Hex color **3968ED** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **EDBE39**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **819BFF**, and **003AB4** is the 20% darker color. If you saturate the color by 10%, you get **2156ED**, and if you desaturate by 10%, it is **517AED**.

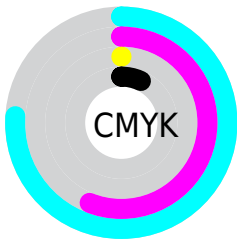
Distribution



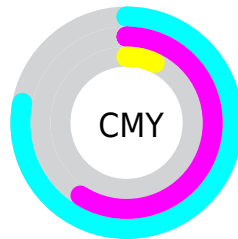
- Red (22%)
- Green (41%)
- Blue (93%)



- Red (22%)
- Yellow (37%)
- Blue (93%)



- Cyan (76%)
- Magenta (56%)
- Yellow (0%)
- Black (7%)



- Cyan (78%)
- Magenta (59%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3968ED 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 3968ED by changing the saturation by 10% instead.

 3968ED

 3968ED

FFFFFF

 0050D0

 819BFF

 003AB4

 A0B5FF

 002698

 BFD1FF

 00147E

 DEEDFF

 000064

FEFFFF

 00094B

 000433

 00021D

 000000

■ 3968ED

■ 3968ED

■ 2156ED

■ 517AED

■ 0A45ED

■ 688BED

■ 003EED

■ 809DED

■ 98AEED

■ AFC0ED

■ C7D1ED

■ DFE3ED

■ F7F4ED

■ FFFFED

Harmonies

Analogous

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



0080F6



3968ED



AF41C3

Triad

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



3968ED



C64A00



008C60

Complementary

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



3968ED



EDBE39

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.



008814



3968ED



986A00

Square

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



3968ED



E01844



5B7E00



008EA4

Rectangle

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



3968ED



D21D9A



5B7E00



008B49

Sweetspot

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



3968ED



C4D4FF



39EDBD



5C6580



000000



808080

Same Dimension

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



3968ED



1754FF



6339ED



6A6D75



002FB5



000E36

Inverse Universe

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



ED3968



FF1754



C3ED39



756A6D



B5002F



36000E

Previews

White Background



This preview shows how the Hex color 3968ED looks on a white background.

Color Contrast Check

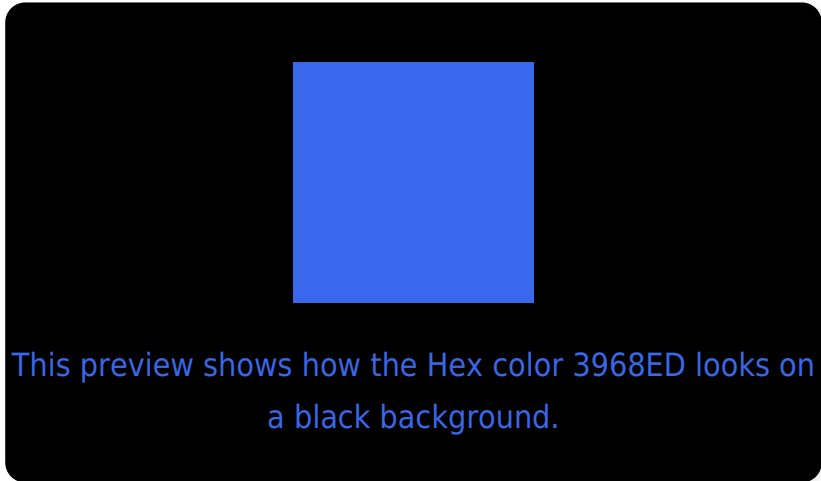
Large Text (above 18pt) WCAG AA ✓ Pass

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

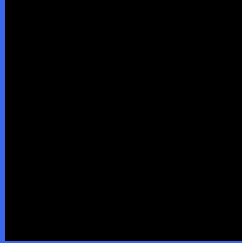
Any Text WCAG AA × Fail

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 3968ED Background



This preview shows how black text looks on a background with the Hex color 3968ED.

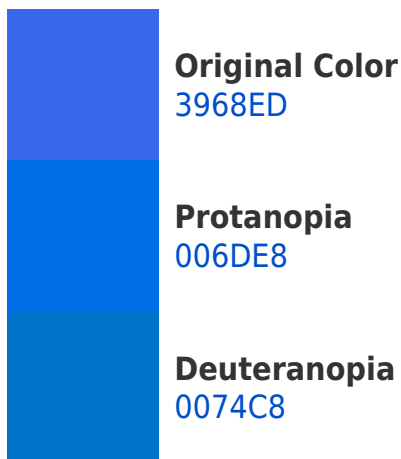


This preview shows how white text looks on a background with the Hex color 3968ED.

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](#).

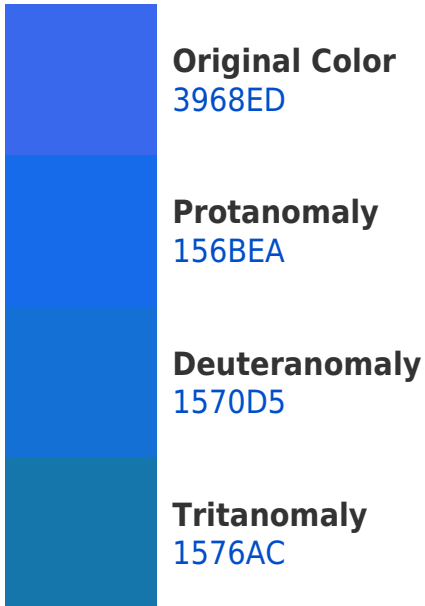
Dichromacy





Tritanopia
007E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3968ED 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 #3968ED looks like.

```
.text, #text, p{  
    color:#3968ED  
}
```

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 #3968ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3968ED
}
```

Border

The CSS property to change the border of an element to Hex 3968ED 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
#3968ED }
```

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

```
.border{ border-color:#3968ED }
```

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

Here you see how a box with a 4 pixel #3968ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3968ED; -webkit-box-shadow:4px 4px  
4px 4px #3968ED; box-shadow:4px 4px 4px  
4px #3968ED }
```

Background

The CSS property to change the background color of an element to Hex 3968ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3968ED }
```

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

```
.background{ background-color:#3968ED }
```

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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