

Converting Colors

Hex(3956E8)

Have a look what the booklet for
Hex(3956E8) contains.

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Color

Hex(3956E8)

Conversions

Conversions Part 1

Format	Color
Hex	3956E8
RGB	57, 86, 232
RGB Percent	22%, 34%, 91%
CMY	0.7765, 0.6627, 0.0902
CMYK	0.75, 0.63, 0.00, 0.09
HSL	230°, 79%, 57%
HSV	230°, 75%, 91%
XYZ	19.5806, 13.3516, 77.8890
YIQ	93.9730, -64.1500, 39.2580

Conversions

Conversions Part 2

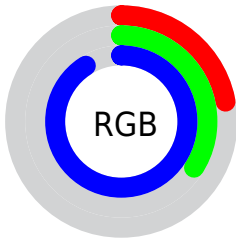
Format	Color
RYB	57, 82, 232
Decimal	3757800
CIELab	43.29, 39.75, -76.65
CIElCh	43, 86.341, 297.411
Yxy	13.3516, 0.1767, 0.1205
Android (android.graphics.Color)	4281947880 (0xFF3956E8)
YUV	93.9730, 68.0473, -32.4253
Hunter-Lab	36.5399, 31.7080, -100.8057

Details

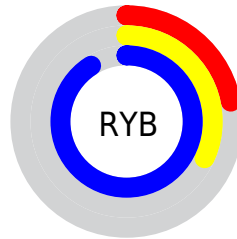
The Hex color **3956E8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E8CB39**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8188FF**, and **0029AF** is the 20% darker color. If you saturate the color by 10%, you get **2243E8**, and if you desaturate by 10%, it is **5069E8**.

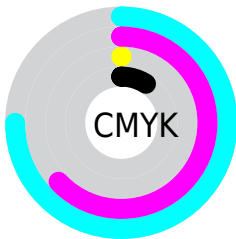
Distribution



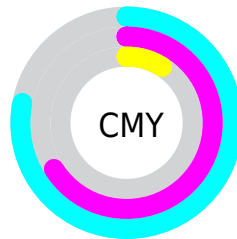
- Red (22%)
- Green (34%)
- Blue (91%)



- Red (22%)
- Yellow (32%)
- Blue (91%)



- Cyan (75%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)



- Cyan (78%)
- Magenta (66%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3956E8 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 3956E8 by changing the saturation by 10% instead.

 3956E8

 3956E8

FFFFFF

 003FCB

 8188FF

 0029AF

 A0A2FF

 001694

 C0BDFF


 000279

 DFD9FF

 00065F

 FEF5FF

 000846

 00042F

 000119

 000000

■ 3956E8

■ 3956E8

■ 2243E8

■ 5069E8

■ 0B2FE8

■ 677DE8

■ 0026E8

■ 7F90E8

■ 96A3E8

■ ADB7E8

■ C4CAE8

■ DBDDE8

■ F3F1E8

■ FFFFE8

Harmonies

Analogous

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



0073F8



3956E8



B217B5

Triad

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



3956E8



B73E00



00815E

Complementary

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



3956E8



E8CB39

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.



007D01



3956E8



836200

Square

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



3956E8



D7002A



3A7500



0082A7

Rectangle

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



3956E8



D20088



3A7500



008044

Sweetspot

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



3956E8



C4CEFF



39E8CB



5C6280



000000



808080

Same Dimension

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



3956E8



173DFF



7339E8



676973



001EB3



000833

Inverse Universe

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



E83956



FF173D



AEE839



736769



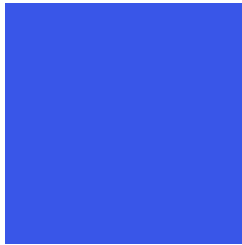
B3001E



330008

Previews

White Background



This preview shows how the Hex color 3956E8 looks on a white background.

Color Contrast Check

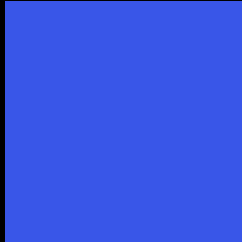
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3956E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

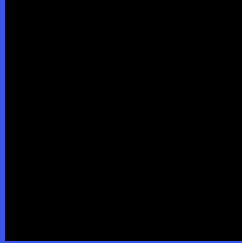
Any Text WCAG AA × Fail

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 3956E8 Background



This preview shows how black text looks on a background with the Hex color 3956E8.



This preview shows how white text looks on a background with the Hex color 3956E8.

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](#).

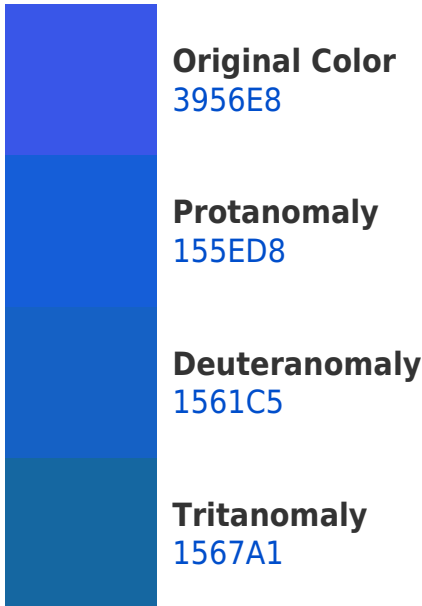
Dichromacy





Tritanopia
007178

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3956E8 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 #3956E8 looks like.

```
.text, #text, p{  
    color:#3956E8  
}
```

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 #3956E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3956E8
}
```

Border

The CSS property to change the border of an element to Hex 3956E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

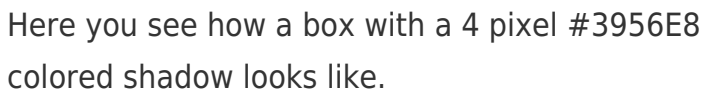
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3956E8 }
```

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

```
.border{ border-color:#3956E8 }
```

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



Here you see how a box with a 4 pixel `#3956E8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3956E8; -webkit-box-shadow:4px 4px  
4px 4px #3956E8; box-shadow:4px 4px 4px  
4px #3956E8 }
```

Background

The CSS property to change the background color of an element to Hex 3956E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3956E8 }
```

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

```
.background{ background-color:#3956E8 }
```

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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