

Converting Colors

Hex(3F93F0)

Have a look what the booklet for
Hex(3F93F0) contains.

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Color

Hex(3F93F0)

Conversions

Conversions Part 1

Format	Color
Hex	3F93F0
RGB	63, 147, 240
RGB Percent	25%, 58%, 94%
CMY	0.7529, 0.4235, 0.0588
CMYK	0.74, 0.39, 0.00, 0.06
HSL	212°, 86%, 59%
HSV	212°, 74%, 94%
XYZ	28.2118, 28.2155, 86.3973
YIQ	132.4860, -79.9170, 11.1150

Conversions

Conversions Part 2

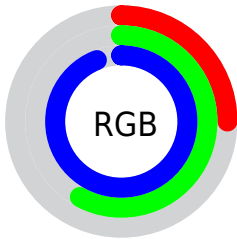
Format	Color
RYB	63, 120, 240
Decimal	4166640
CIELab	60.08, 5.59, -53.98
CIElCh	60, 54.269, 275.908
Yxy	28.2155, 0.1975, 0.1976
Android (android.graphics.Color)	4282356720 (0xFF3F93F0)
YUV	132.4860, 53.0044, -60.9392
Hunter-Lab	53.1182, 1.8468, -59.2530

Details

The Hex color **3F93F0** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F09C3F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84C9FF**, and **0061B7** is the 20% darker color. If you saturate the color by 10%, you get **2786F0**, and if you desaturate by 10%, it is **57A0F0**.

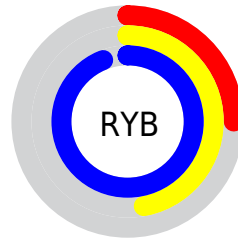
Distribution



Red (25%)

Green (58%)

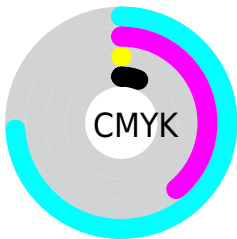
Blue (94%)



Red (25%)

Yellow (47%)

Blue (94%)

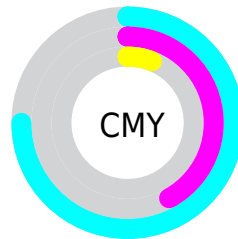


Cyan (74%)

Magenta (39%)

Yellow (0%)

Black (6%)



Cyan (75%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F93F0 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 3F93F0 by changing the saturation by 10% instead.

 3F93F0

 3F93F0

FFFFFF

 007AD3

 84C9FF

 0061B7

 A3E4FF

 004A9C

 C2FFFF

 003481

 E0FFFF

 002068

 00064F

 000537

 000221

 000006

■ 3F93F0

■ 3F93F0

■ 2786F0

■ 57A0F0

■ 0F7AF0

■ 6FACF0

■ 0072F0

■ 87B9F0

■ 9FC5F0

■ B7D2F0

■ CFDFF0

■ E7EBF0

■ FFF8F0

■ FFFFF0

Harmonies

Analogous

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



00A0E8



3F93F0



A080DF

Triad

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



3F93F0



E36E5B



1AA568

Complementary

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



3F93F0



F09C3F

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.



709E3E



3F93F0



C98038

Square

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



3F93F0



E86589



A2912A



00A899

Rectangle

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



3F93F0



C573C7



A2912A



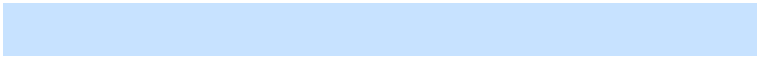
43A359

Sweetspot

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



3F93F0



C7E2FF



3FF09A



5E6E80



000000



808080

Same Dimension

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



3F93F0



1C88FF



423FF0



6C7278



0057B8



001B38

Inverse Universe

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



F03F93



FF1C88



EDF03F



786C72



B80057



38001B

Previews

White Background



This preview shows how the Hex color 3F93F0 looks on a white background.

Color Contrast Check

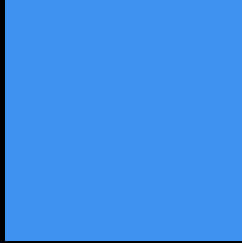
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F93F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

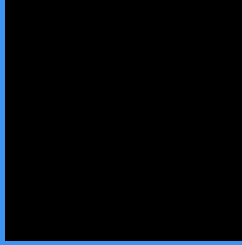
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

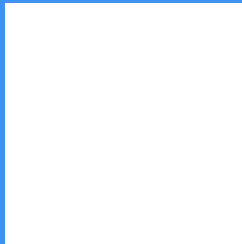
Any Text WCAG AAA × Fail

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

Hex 3F93F0 Background



This preview shows how black text looks on a background with the Hex color 3F93F0.



This preview shows how white text looks on a background with the Hex color 3F93F0.

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](#).

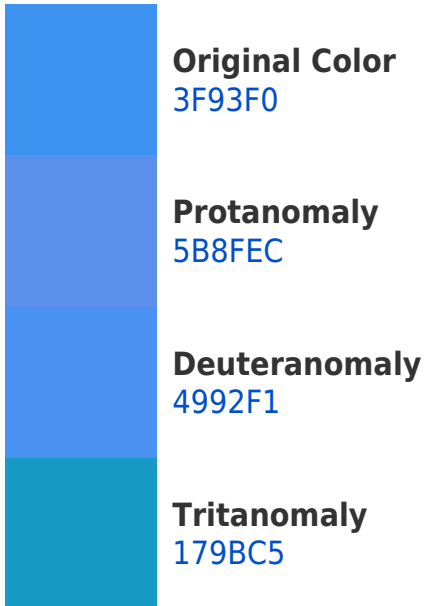
Dichromacy





Tritanopia
00A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F93F0 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 #3F93F0 looks like.

```
.text, #text, p{  
  color:#3F93F0  
}
```

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 #3F93F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F93F0
}
```

Border

The CSS property to change the border of an element to Hex 3F93F0 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
#3F93F0 }
```

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

```
.border{ border-color:#3F93F0 }
```

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

Here you see how a box with a 4 pixel #3F93F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F93F0; -webkit-box-shadow:4px 4px  
4px 4px #3F93F0; box-shadow:4px 4px 4px  
4px #3F93F0 }
```

Background

The CSS property to change the background color of an element to Hex 3F93F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F93F0 }
```

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

```
.background{ background-color:#3F93F0 }
```

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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