

Converting Colors

Hex(3D93F7)

Have a look what the booklet for
Hex(3D93F7) contains.

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Color

Hex(3D93F7)

Conversions

Conversions Part 1

Format	Color
Hex	3D93F7
RGB	61, 147, 247
RGB Percent	24%, 58%, 97%
CMY	0.7608, 0.4235, 0.0314
CMYK	0.75, 0.40, 0.00, 0.03
HSL	212°, 92%, 60%
HSV	212°, 75%, 97%
XYZ	29.1467, 28.5749, 91.9750
YIQ	132.6860, -83.3560, 12.8680

Conversions

Conversions Part 2

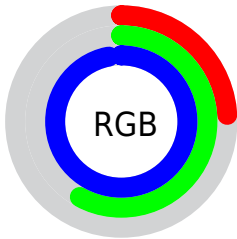
Format	Color
R _{YB}	61, 120, 247
Decimal	4035575
CIE Lab	60.40, 7.84, -57.33
CIE LCh	60, 57.862, 277.791
Yxy	28.5749, 0.1947, 0.1909
Android (android.graphics.Color)	4282225655 (0xFF3D93F7)
YUV	132.6860, 56.3568, -62.8686
Hunter-Lab	53.4555, 3.7801, -64.5949

Details

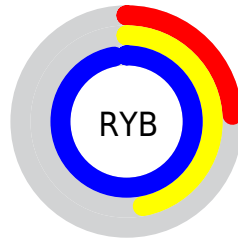
The Hex color **3D93F7** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F7A13D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84C8FF**, and **0061BE** is the 20% darker color. If you saturate the color by 10%, you get **2486F7**, and if you desaturate by 10%, it is **56A0F7**.

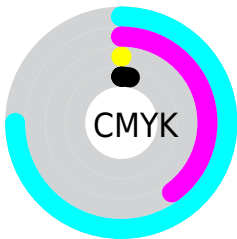
Distribution



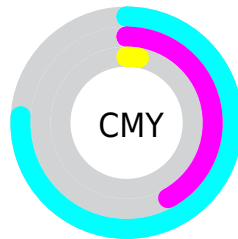
- Red (24%)
- Green (58%)
- Blue (97%)



- Red (24%)
- Yellow (47%)
- Blue (97%)



- Cyan (75%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)



- Cyan (76%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D93F7 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 3D93F7 by changing the saturation by 10% instead.

 3D93F7

 3D93F7

FFFFFF

 007ADA

 84C8FF

 0061BE

 A3E4FF

 004AA2

 C2FFFF

 003488

 E1FFFF

 00216E

 000755

 00063D

 000226

 00010F

■ 3D93F7

■ 3D93F7

■ 2486F7

■ 56A0F7

■ 0C78F7

■ 6EAEF7

■ 0072F7

■ 87BBF7

■ A0C8F7

■ B9D5F7

■ D1E3F7

■ EAF0F7

■ FFFDF7

■ FFFFF7

Harmonies

Analogous

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



00A1F0



3D93F7



A57EE3

Triad

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



3D93F7



E76D56



00A869

Complementary

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



3D93F7



F7A13D

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.



6AA03B



3D93F7



CB812F

Square

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



3D93F7



EE6286



A09321



00AA9E

Rectangle

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



3D93F7



CC70C9



A09321



34A659

Sweetspot

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



3D93F7



C4DFFF



3DF7A0



5C6C80



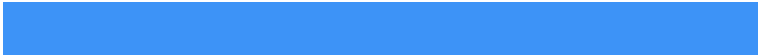
000000



808080

Same Dimension

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



3D93F7



1984FF



433DF7



6E747A



0056BA



001B3B

Inverse Universe

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



F73D93



FF1984



F1F73D



7A6E74



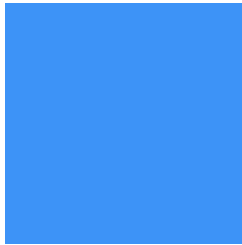
BA0056



3B001B

Previews

White Background



This preview shows how the Hex color 3D93F7 looks on a white background.

Color Contrast Check

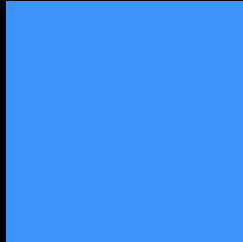
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D93F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

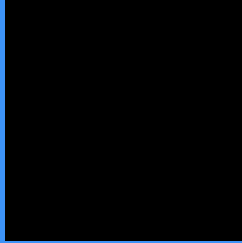
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

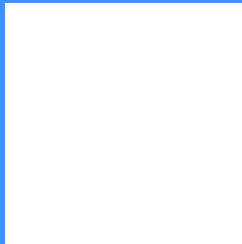
Any Text WCAG AAA × Fail

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

Hex 3D93F7 Background



This preview shows how black text looks on a background with the Hex color 3D93F7.



This preview shows how white text looks on a background with the Hex color 3D93F7.

Color Blindness Simulation

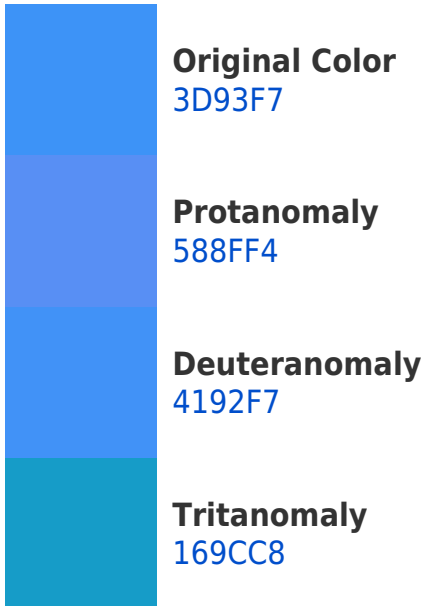
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D93F7 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 #3D93F7 looks like.

```
.text, #text, p{  
    color:#3D93F7  
}
```

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 #3D93F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D93F7
}
```

Border

The CSS property to change the border of an element to Hex 3D93F7 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
#3D93F7 }
```

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

```
.border{ border-color:#3D93F7 }
```

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

Here you see how a box with a 4 pixel #3D93F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D93F7; -webkit-box-shadow:4px 4px  
4px 4px #3D93F7; box-shadow:4px 4px 4px  
4px #3D93F7 }
```

Background

The CSS property to change the background color of an element to Hex 3D93F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D93F7 }
```

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

```
.background{ background-color:#3D93F7 }
```

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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