

Converting Colors

Hex(3DA7F6)

Have a look what the booklet for
Hex(3DA7F6) contains.

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Color

Hex(3DA7F6)

Conversions

Conversions Part 1

Format	Color
Hex	3DA7F6
RGB	61, 167, 246
RGB Percent	24%, 65%, 96%
CMY	0.7608, 0.3451, 0.0353
CMYK	0.75, 0.32, 0.00, 0.04
HSL	206°, 91%, 60%
HSV	206°, 75%, 96%
XYZ	32.3777, 35.2834, 92.2927
YIQ	144.3120, -88.5350, 2.0970

Conversions

Conversions Part 2

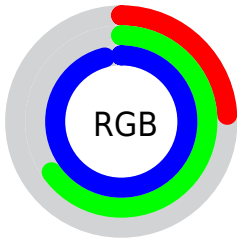
Format	Color
R _Y B	61, 128, 246
Decimal	4040694
CIE Lab	65.97, -4.11, -47.95
CIE LCh	66, 48.128, 265.096
Yxy	35.2834, 0.2024, 0.2206
Android (android.graphics.Color)	4282230774 (0xFF3DA7F6)
YUV	144.3120, 50.1322, -73.0646
Hunter-Lab	59.3998, -6.6526, -50.5422

Details

The Hex color **3DA7F6** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F68C3D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **84DEFF**, and **0073BD** is the 20% darker color. If you saturate the color by 10%, you get **249CF6**, and if you desaturate by 10%, it is **56B2F6**.

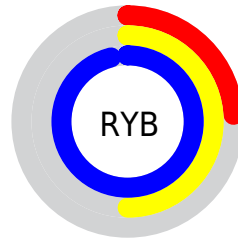
Distribution



Red (24%)

Green (65%)

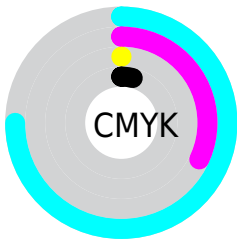
Blue (96%)



Red (24%)

Yellow (50%)

Blue (96%)

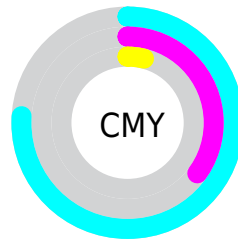


Cyan (75%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA7F6 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 3DA7F6 by changing the saturation by 10% instead.

 3DA7F6

 3DA7F6

FFFFFF

 008DD9

 84DEFF

 0073BD

 A3FAFF

 005BA2

 C2FFFF

 004487

 E1FFFF

 002E6D

 001B55

 00063D

 000326

 00010F

■ 3DA7F6

■ 3DA7F6

■ 249CF6

■ 56B2F6

■ 0C92F6

■ 6EBCF6

■ 008DF6

■ 87C7F6

■ 9FD1F6

■ B8DCF6

■ D1E6F6

■ E9F1F6

■ FFFBF6

■ FFFFF6

Harmonies

Analogous

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



00B1E6



3DA7F6



9898EF

Triad

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



3DA7F6



F17F7E



61B26D

Complementary

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



3DA7F6



F68C3D

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.



96A94F



3DA7F6



E08C5B

Square

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



3DA7F6



EC7CA9



C09B48



00B697

Rectangle

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



3DA7F6



C08CDE



C09B48



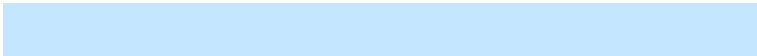
74AF61

Sweetspot

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



3DA7F6



C4E6FF



3DF68A



5C7080



000000



808080

Same Dimension

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



3DA7F6



199DFF



3D4CF6



6E757A



006BBA



00223B

Inverse Universe

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



F63DA7



FF199D



F6E73D



7A6E75



BA006B



3B0022

Previews

White Background



This preview shows how the Hex color 3DA7F6 looks on a white background.

Color Contrast Check

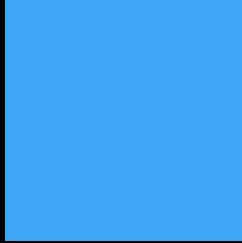
Large Text (above 18pt) WCAG AA × Fail

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 3DA7F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

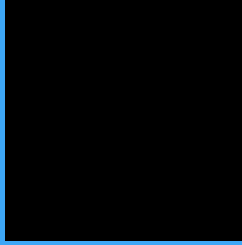
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

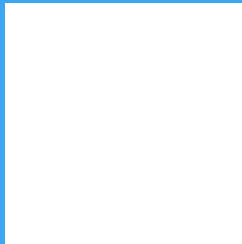
Any Text WCAG AAA ✓ Pass

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

Hex 3DA7F6 Background



This preview shows how black text looks on a background with the Hex color 3DA7F6.

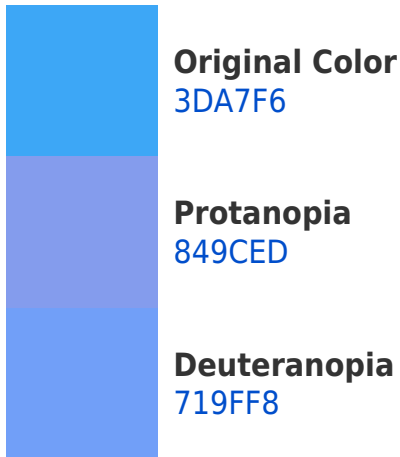


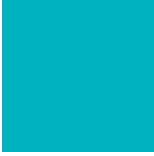
This preview shows how white text looks on a background with the Hex color 3DA7F6.

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](#).

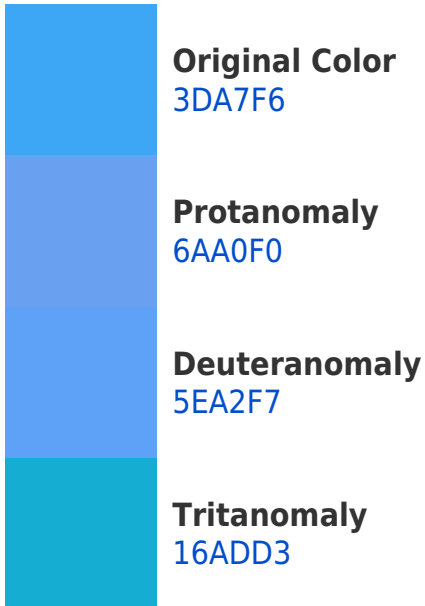
Dichromacy



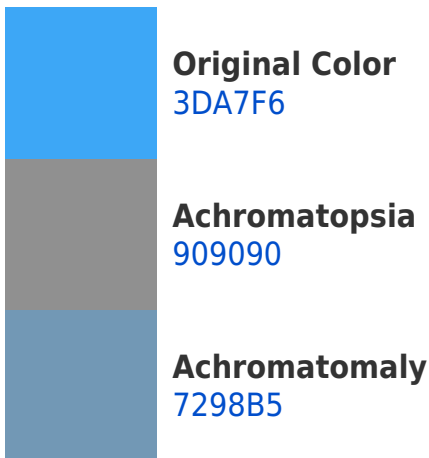


Tritanopia
00B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA7F6 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 #3DA7F6 looks like.

```
.text, #text, p{  
    color:#3DA7F6  
}
```

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 #3DA7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA7F6  
}
```

Border

The CSS property to change the border of an element to Hex 3DA7F6 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  
#3DA7F6 }
```

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

```
.border{ border-color:#3DA7F6 }
```

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

Here you see how a box with a 4 pixel #3DA7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA7F6; -webkit-box-shadow:4px 4px  
4px 4px #3DA7F6; box-shadow:4px 4px 4px  
4px #3DA7F6 }
```

Background

The CSS property to change the background color of an element to Hex 3DA7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA7F6 }
```

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

```
.background{ background-color:#3DA7F6 }
```

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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