

Converting Colors

Hex(3F9DDF)

Have a look what the booklet for
Hex(3F9DDF) contains.

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Color

Hex(3F9DDF)

Conversions

Conversions Part 1

Format	Color
Hex	3F9DDF
RGB	63, 157, 223
RGB Percent	25%, 62%, 87%
CMY	0.7529, 0.3843, 0.1255
CMYK	0.72, 0.30, 0.00, 0.13
HSL	205°, 71%, 56%
HSV	205°, 72%, 87%
XYZ	27.4262, 30.4984, 74.2533
YIQ	136.4180, -77.2100, 0.5980

Conversions

Conversions Part 2

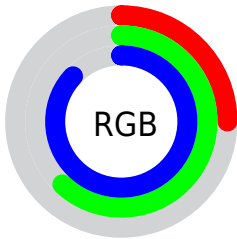
Format	Color
R _Y B	63, 122, 223
Decimal	4169183
CIE Lab	62.08, -6.16, -41.42
CIE LCh	62, 41.873, 261.546
Yxy	30.4984, 0.2075, 0.2307
Android (android.graphics.Color)	4282359263 (0xFF3F9DDF)
YUV	136.4180, 42.6849, -64.3876
Hunter-Lab	55.2254, -7.9973, -41.0606

Details

The Hex color **3F9DDF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **DF813F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **81D3FF**, and **006AA7** is the 20% darker color. If you saturate the color by 10%, you get **2994DF**, and if you desaturate by 10%, it is **55A6DF**.

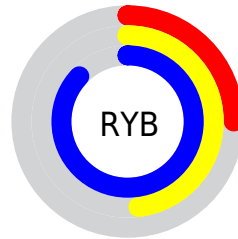
Distribution



Red (25%)

Green (62%)

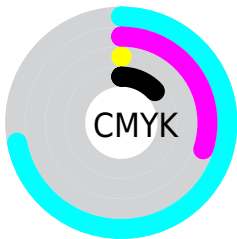
Blue (87%)



Red (25%)

Yellow (48%)

Blue (87%)

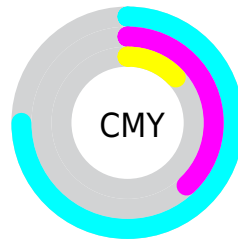


Cyan (72%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (75%)

Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9DDF 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 3F9DDF by changing the saturation by 10% instead.

■ 3F9DDF

■ 3F9DDF

FFFFFF

■ 0683C3

■ 81D3FF

■ 006AA7

■ 9FF0FF

■ 00528D

■ BEFFFF

■ 003B73

■ DCFFFF

■ 00265A

■ FBFFFF

■ 001142

■ 00032B

■ 000116

■ 000000

■ 3F9DDF

■ 3F9DDF

■ 2994DF

■ 55A6DF

■ 128BDF

■ 6CAFDf

■ 0083DF

■ 82B9DF

■ 98C2DF

■ AFCBDF

■ C5D4DF

■ DBDDDF

■ F1E7DF

■ FFF0DF

Harmonies

Analogous

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



00A5CF



3F9DDF



8990DB

Triad

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



3F9DDF



DD797D



67A466

Complementary

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



3F9DDF



DF813F

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.



929C4F



3F9DDF



D1835D

Square

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



3F9DDF



D679A2



B6904C



28A98A

Rectangle

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



3F9DDF



AC87CE



B6904C



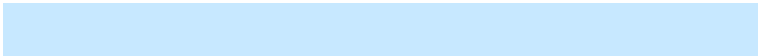
76A25D

Sweetspot

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



3F9DDF



C7E8FF



3FDF7F



5E7280



000000



808080

Same Dimension

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



3F9DDF



24A5FF



3F4FDF



656C70



0067B0



001C30

Inverse Universe

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



DF3F9D



FF24A5



DFCF3F



70656C



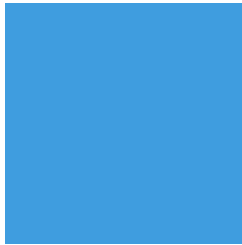
B00067



30001C

Previews

White Background



This preview shows how the Hex color 3F9DDF looks on a white background.

Color Contrast Check

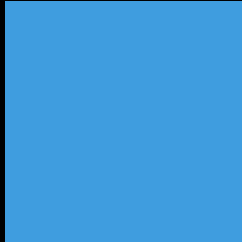
Large Text (above 18pt) WCAG AA × Fail

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 3F9DDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

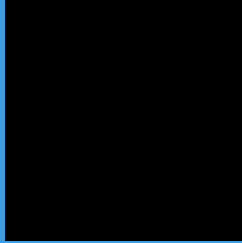
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

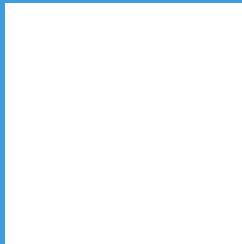
Any Text WCAG AAA ✓ Pass

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

Hex 3F9DDF Background



This preview shows how black text looks on a background with the Hex color 3F9DDF.



This preview shows how white text looks on a background with the Hex color 3F9DDF.

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](#).

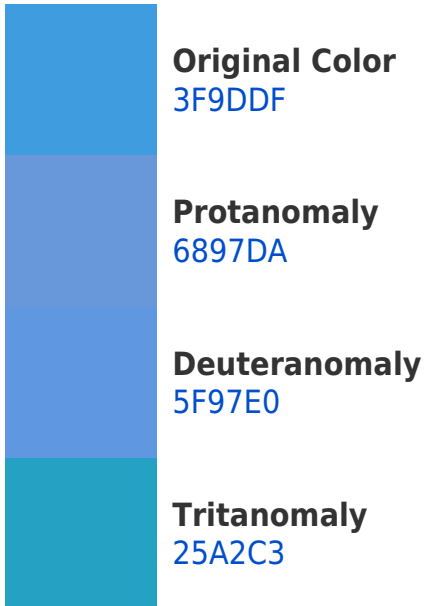
Dichromacy



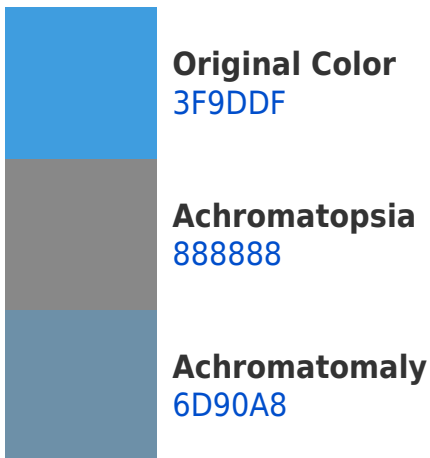


Tritanopia
16A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9DDF 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 #3F9DDF looks like.

```
.text, #text, p{  
    color:#3F9DDF  
}
```

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 #3F9DDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9DDF
}
```

Border

The CSS property to change the border of an element to Hex 3F9DDF 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
#3F9DDF }
```

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

```
.border{ border-color:#3F9DDF }
```

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

Here you see how a box with a 4 pixel #3F9DDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9DDF; -webkit-box-shadow:4px 4px  
4px 4px #3F9DDF; box-shadow:4px 4px 4px  
4px #3F9DDF }
```

Background

The CSS property to change the background color of an element to Hex 3F9DDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9DDF }
```

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

```
.background{ background-color:#3F9DDF }
```

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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