

Converting Colors

Hex(3DAAF3)

Have a look what the booklet for
Hex(3DAAF3) contains.

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Color

Hex(3DAAF3)

Conversions

Conversions Part 1

Format	Color
Hex	3DAAF3
RGB	61, 170, 243
RGB Percent	24%, 67%, 95%
CMY	0.7608, 0.3333, 0.0471
CMYK	0.75, 0.30, 0.00, 0.05
HSL	204°, 88%, 60%
HSV	204°, 75%, 95%
XYZ	32.4769, 36.2126, 90.0720
YIQ	145.7310, -88.3970, -0.4050

Conversions

Conversions Part 2

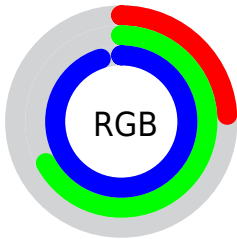
Format	Color
R_{YB}	61, 129, 243
Decimal	4041459
CIE _{Lab}	66.68, -6.83, -45.19
CIE _{LCh}	67, 45.706, 261.401
Yxy	36.2126, 0.2046, 0.2281
Android (android.graphics.Color)	4282231539 (0xFF3DAAF3)
YUV	145.7310, 47.9536, -74.3091
Hunter-Lab	60.1769, -8.9750, -46.6207

Details

The Hex color **3DAAF3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F3863D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **83E1FF**, and **0076BA** is the 20% darker color. If you saturate the color by 10%, you get **25A0F3**, and if you desaturate by 10%, it is **55B4F3**.

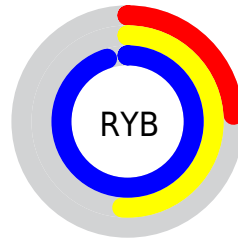
Distribution



Red (24%)

Green (67%)

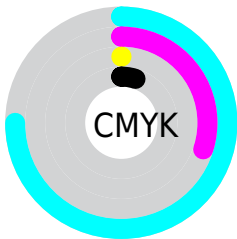
Blue (95%)



Red (24%)

Yellow (51%)

Blue (95%)

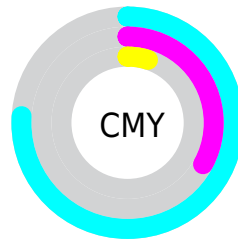


Cyan (75%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DAAF3 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 3DAAF3 by changing the saturation by 10% instead.

 3DAAF3

 3DAAF3

FFFFFF

 0090D6

 83E1FF

 0076BA

 A3FEFF

 005E9F

 C2FFFF

 004685

 E1FFFF

 00306B

 001D52

 00063B

 000224

 00000C

■ 3DAAF3

■ 3DAAF3

■ 25A0F3

■ 55B4F3

■ 0C97F3

■ 6EBDF3

■ 0092F3

■ 86C7F3

■ 9ED1F3

■ B6DBF3

■ CFE4F3

■ E7EEF3

■ FFF8F3

■ FFFFF3

Harmonies

Analogous

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



00B3E1



3DAAF3



939CEF

Triad

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



3DAAF3



F08286



6EB26D

Complementary

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



3DAAF3



F3863D

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.



9EA953



3DAAF3



E38D63

Square

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



3DAAF3



E981B0



C59C50



22B795

Rectangle

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



3DAAF3



BA91E0



C59C50



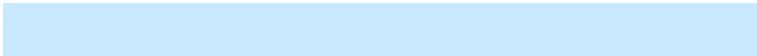
7FAF62

Sweetspot

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



3DAAF3



C7E8FF



3DF386



5E7280



000000



808080

Same Dimension

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



3DAAF3



19A3FF



3D4FF3



6E757A



006FBA



00233B

Inverse Universe

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



F33DAA



FF19A3



F3E13D



7A6E75



BA006F



3B0023

Previews

White Background



This preview shows how the Hex color 3DAAF3 looks on a white background.

Color Contrast Check

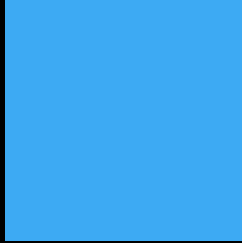
Large Text (above 18pt) WCAG AA × Fail

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 3DAAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

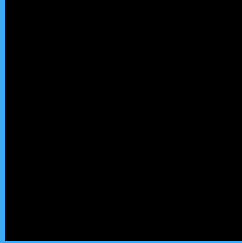
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

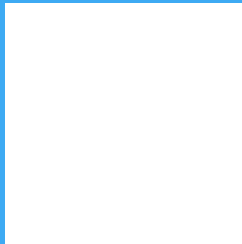
Any Text WCAG AAA ✓ Pass

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

Hex 3DAAF3 Background



This preview shows how black text looks on a background with the Hex color 3DAAF3.

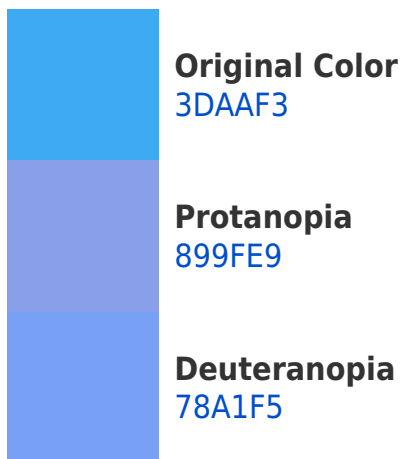


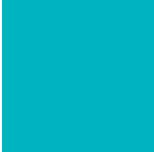
This preview shows how white text looks on a background with the Hex color 3DAAF3.

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](#).

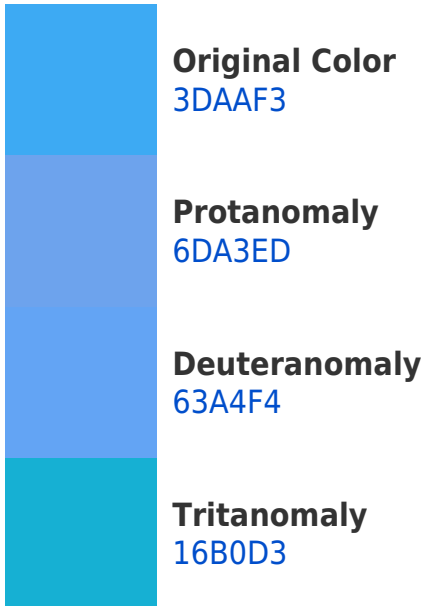
Dichromacy



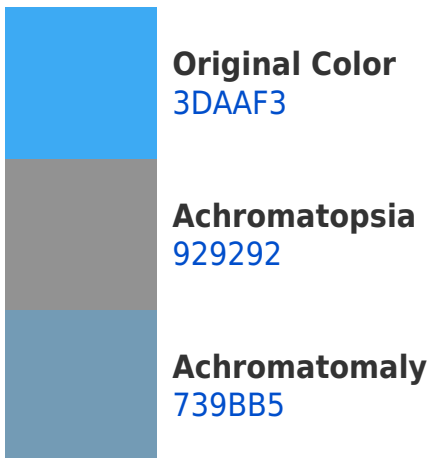


Tritanopia
00B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DAAF3 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 #3DAAF3 looks like.

```
.text, #text, p{  
    color:#3DAAF3  
}
```

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 #3DAAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAAF3
}
```

Border

The CSS property to change the border of an element to Hex 3DAAF3 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
#3DAAF3 }
```

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

```
.border{ border-color:#3DAAF3 }
```

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

Here you see how a box with a 4 pixel #3DAAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAAF3; -webkit-box-shadow:4px 4px  
4px 4px #3DAAF3; box-shadow:4px 4px 4px  
4px #3DAAF3 }
```

Background

The CSS property to change the background color of an element to Hex 3DAAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAAF3 }
```

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

```
.background{ background-color:#3DAAF3 }
```

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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