

Converting Colors

Hex(3DAFD8)

Have a look what the booklet for
Hex(3DAFD8) contains.

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Color

Hex(3DAFD8)

Conversions

Conversions Part 1

Format	Color
Hex	3DAFD8
RGB	61, 175, 216
RGB Percent	24%, 69%, 85%
CMY	0.7608, 0.3137, 0.1529
CMYK	0.72, 0.19, 0.00, 0.15
HSL	196°, 67%, 54%
HSV	196°, 72%, 85%
XYZ	29.6491, 36.6099, 70.4695
YIQ	145.5880, -81.1050, -11.4170

Conversions

Conversions Part 2

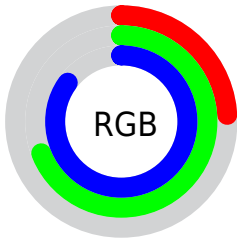
Format	Color
RYB	61, 127, 216
Decimal	4042712
CIELab	66.98, -18.59, -29.92
CIELCh	67, 35.227, 238.154
Yxy	36.6099, 0.2168, 0.2678
Android (android.graphics.Color)	4282232792 (0xFF3DAFD8)
YUV	145.5880, 34.7131, -74.1837
Hunter-Lab	60.5061, -18.4174, -26.6988

Details

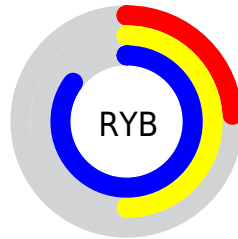
The Hex color **3DAFD8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D8663D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7FE7FF**, and **007AA1** is the 20% darker color. If you saturate the color by 10%, you get **27A9D8**, and if you desaturate by 10%, it is **53B5D8**.

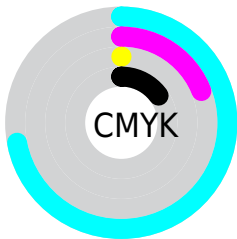
Distribution



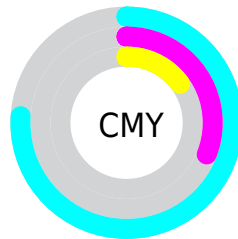
- Red (24%)
- Green (69%)
- Blue (85%)



- Red (24%)
- Yellow (50%)
- Blue (85%)



- Cyan (72%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (76%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DAFD8 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 3DAFD8 by changing the saturation by 10% instead.

3DAFD8

3DAFD8

FFFFFF

0094BC

7FE7FF

007AA1

9EFFFF

006187

BCFFFF

004A6D

DBFFFF

003355

F9FFFF

001F3D

000327

000111

000000

 3DAFD8

 3DAFD8

 27A9D8

 53B5D8

 12A4D8

 68BAD8

 009FD8

 7EC0D8

 93C6D8

 A9CCD8

 BFD1D8

 D4D7D8

 EADDD8

 FFE2D8

Harmonies

Analogous

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



26B3C0



3DAFD8



72A7E2

Triad

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



3DAFD8



DE8BA6



99AA6A

Complementary

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



3DAFD8



D8663D

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.



BAA063



3DAFD8



E08D87

Square

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



3DAFD8



C991C5



D3956E



74B181

Rectangle

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



3DAFD8



959FDF



D3956E



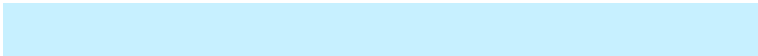
A5A766

Sweetspot

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



3DAFD8



C7F0FF



3DD864



5E7780



000000



808080

Same Dimension

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



3DAFD8



24C5FF



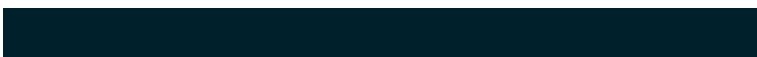
3D64D8



60686B



007EAB



00202B

Inverse Universe

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



D83DAF



FF24C5



D8B13D



6B6068



AB007E



2B0020

Previews

White Background



This preview shows how the Hex color 3DAFD8 looks on a white background.

Color Contrast Check

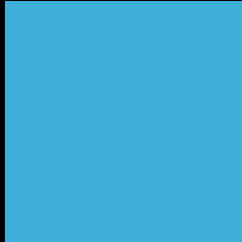
Large Text (above 18pt) WCAG AA × Fail

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 3DAFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

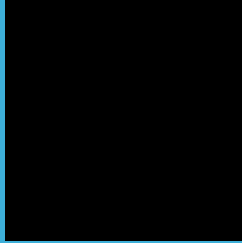
Any Text WCAG AA ✓ Pass

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 3DAFD8 Background



This preview shows how black text looks on a background with the Hex color 3DAFD8.

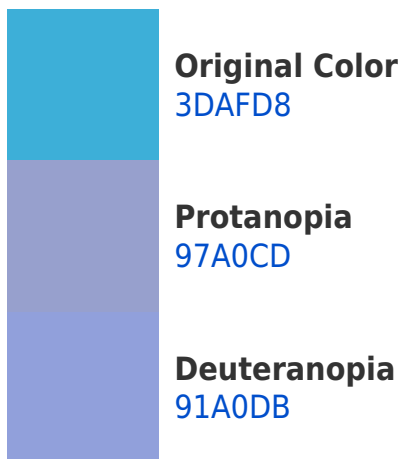


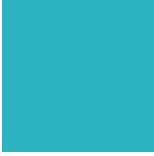
This preview shows how white text looks on a background with the Hex color 3DAFD8.

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](#).

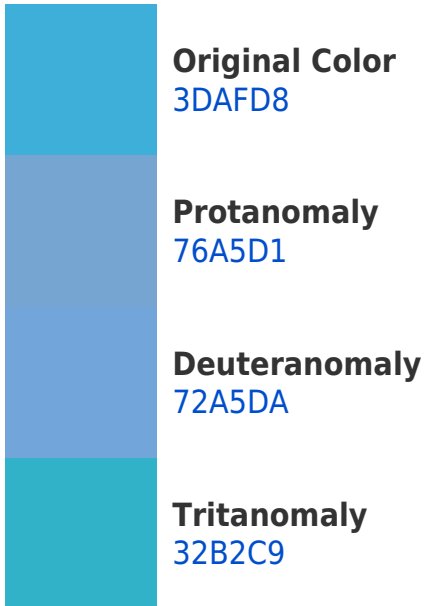
Dichromacy



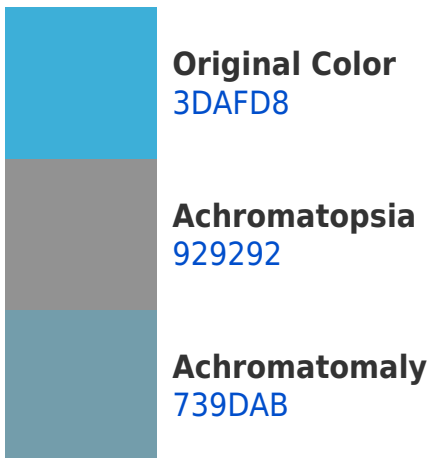


Tritanopia
2CB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DAFD8 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 #3DAFD8 looks like.

```
.text, #text, p{  
    color:#3DAFD8  
}
```

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 #3DAFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAFD8
}
```

Border

The CSS property to change the border of an element to Hex 3DAFD8 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
#3DAFD8 }
```

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

```
.border{ border-color:#3DAFD8 }
```

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

Here you see how a box with a 4 pixel #3DAFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAFD8; -webkit-box-shadow:4px 4px  
4px 4px #3DAFD8; box-shadow:4px 4px 4px  
4px #3DAFD8 }
```

Background

The CSS property to change the background color of an element to Hex 3DAFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAFD8 }
```

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

```
.background{ background-color:#3DAFD8 }
```

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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