

# Converting Colors

Hex(2A93DF)

Have a look what the booklet for  
Hex(2A93DF) contains.

<b>Hex(2A93DF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2A93DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A93DF
RGB	42, 147, 223
RGB Percent	16%, 58%, 87%
CMY	0.8353, 0.4235, 0.1255
CMYK	0.81, 0.34, 0.00, 0.13
HSL	205°, 74%, 52%
HSV	205°, 81%, 87%
XYZ	24.7078, 26.6874, 73.6610
YIQ	124.2690, -86.9760, 1.3760

# Conversions

## Conversions Part 2

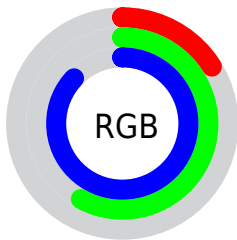
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	42, 108, 223
Decimal	2790367
CIE Lab	58.68, -2.81, -46.81
CIE LCh	59, 46.891, 266.568
Yxy	26.6874, 0.1976, 0.2134
Android (android.graphics.Color)	4280980447 (0xFF2A93DF)
YUV	124.2690, 48.6744, -72.1499
Hunter-Lab	51.6598, -5.0318, -48.3788

# Details

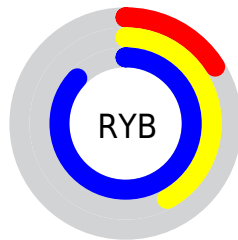
The Hex color **2A93DF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **DF762A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **74C9FF**, and **0061A7** is the 20% darker color. If you saturate the color by 10%, you get **148ADF**, and if you desaturate by 10%, it is **409CDF**.

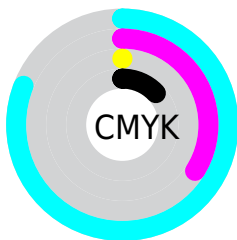
# Distribution



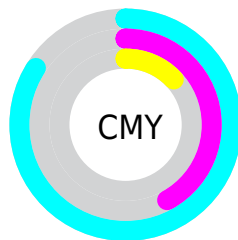
- Red (16%)
- Green (58%)
- Blue (87%)



- Red (16%)
- Yellow (42%)
- Blue (87%)



- Cyan (81%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (42%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A93DF 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 2A93DF by changing the saturation by 10% instead.



■ 2A93DF

■ 2A93DF

FFFFFF

■ 0079C3

■ 74C9FF

■ 0061A7

■ 94E5FF

■ 004A8D

■ B3FFFF

■ 003473

■ D1FFFF

■ 001F5A

■ F0FFFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 2A93DF

■ 2A93DF

■ 148ADF

■ 409CDF

■ 0081DF

■ 57A6DF

■ 6DAFDF

■ 83B8DF

■ 9AC2DF

■ B0CBDF

■ C6D5DF

■ DCDEDF

■ F3E7DF

# Harmonies

## Analogous

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



009DD1



2A93DF



8884D7

# Triad

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



2A93DF



D96D6B



4C9E5E

# Complementary

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



2A93DF



DF762A

# 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.



809640



2A93DF



C87A49

# Square

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



2A93DF



D66A94



A98938



00A187

# Rectangle

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



2A93DF



AD79C6



A98938



609B52

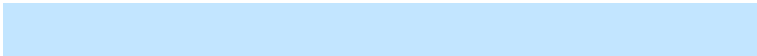


# Sweetspot

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



2A93DF



C2E5FF



2ADF75



5B7080



000000



808080



# Same Dimension

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



2A93DF



0897FF



2A39DF



656B70



0066B0



001C30



# Inverse Universe

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



DF2A93



FF0897



DFD02A



70656B



B00066



30001C



# Previews

## White Background



This preview shows how the Hex color 2A93DF looks on a white background.

## Color Contrast Check

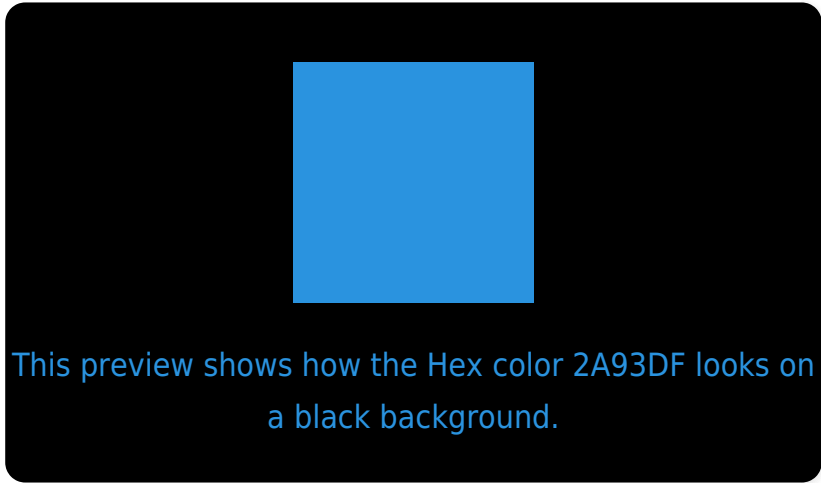
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

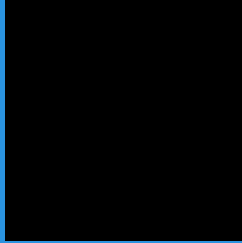
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

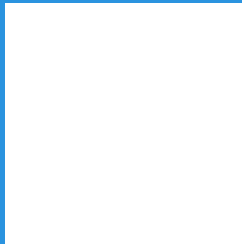
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A93DF Background



This preview shows how black text looks on a background with the Hex color 2A93DF.

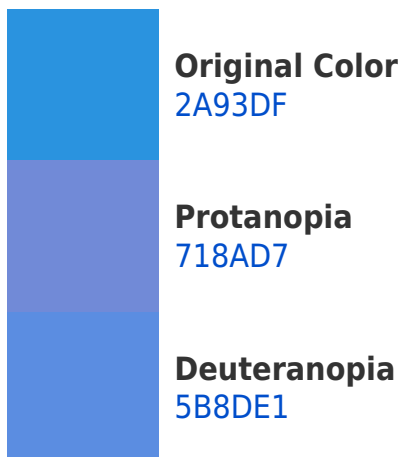


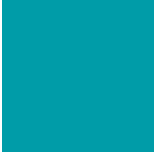
This preview shows how white text looks on a background with the Hex color 2A93DF.

# 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](#).

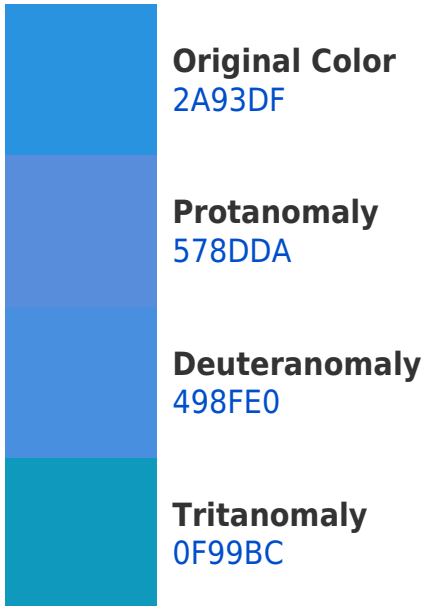
## Dichromacy



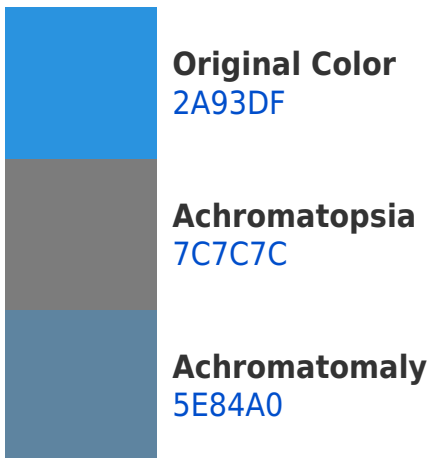


**Tritanopia**  
009CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A93DF 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 #2A93DF looks like.

```
.text, #text, p{  
    color:#2A93DF  
}
```

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 #2A93DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A93DF
}
```

## Border

The CSS property to change the border of an element to Hex 2A93DF 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
#2A93DF }
```

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

```
.border{ border-color:#2A93DF }
```

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

Here you see how a box with a 4 pixel #2A93DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A93DF; -webkit-box-shadow:4px 4px  
4px 4px #2A93DF; box-shadow:4px 4px 4px  
4px #2A93DF }
```

# Background

The CSS property to change the background color of an element to Hex 2A93DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A93DF }
```

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

```
.background{ background-color:#2A93DF }
```

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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