

# Converting Colors

Hex(2DA2F2)

Have a look what the booklet for  
Hex(2DA2F2) contains.

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# **Color**

**Hex(2DA2F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2DA2F2
RGB	45, 162, 242
RGB Percent	18%, 64%, 95%
CMY	0.8235, 0.3647, 0.0510
CMYK	0.81, 0.33, 0.00, 0.05
HSL	204°, 88%, 56%
HSV	204°, 81%, 95%
XYZ	30.0295, 32.8094, 88.7545
YIQ	136.1370, -95.4120, 0.0760

# Conversions

## Conversions Part 2

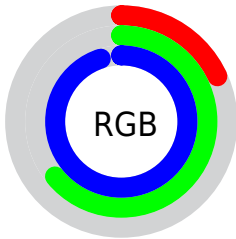
Format	Color
R <sub>Y</sub> B	45, 118, 242
Decimal	2990834
CIE Lab	64.01, -4.31, -48.89
CIE LCh	64, 49.075, 264.961
Yxy	32.8094, 0.1981, 0.2164
Android (android.graphics.Color)	4281180914 (0xFF2DA2F2)
YUV	136.1370, 52.1905, -79.9271
Hunter-Lab	57.2795, -6.6580, -51.7742

# Details

The Hex color **2DA2F2** 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 **F27D2D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7AD9FF**, and **006FB9** is the 20% darker color. If you saturate the color by 10%, you get **1598F2**, and if you desaturate by 10%, it is **45ACF2**.

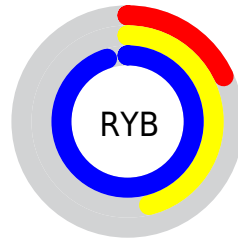
# Distribution



Red (18%)

Green (64%)

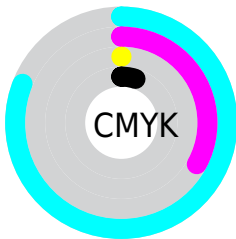
Blue (95%)



Red (18%)

Yellow (46%)

Blue (95%)

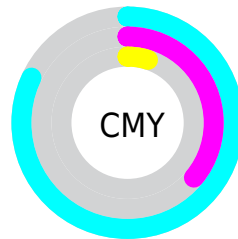


Cyan (81%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (82%)

Magenta (36%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DA2F2 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 2DA2F2 by changing the saturation by 10% instead.



■ 2DA2F2

■ 2DA2F2

FFFFFF

■ 0088D5

■ 7AD9FF

■ 006FB9

■ 9AF5FF

■ 00579E

■ B9FFFF

■ 004084

■ D9FFFF

■ 002B6A

■ F8FFFF

■ 001751

■ 00053A

■ 000223

■ 00000A

■ 2DA2F2

■ 2DA2F2

■ 1598F2

■ 45ACF2

■ 0090F2

■ 5DB6F2

■ 76BFF2

■ 8EC9F2

■ A6D3F2

■ BEDDF2

■ D6E7F2

■ EFF1F2

■ FFFAF2

# Harmonies

## Analogous

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



00ACE2



2DA2F2



9293EB

# Triad

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



2DA2F2



EC7979



5AAC67

# Complementary

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



2DA2F2



F27D2D

# 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.



90A448



2DA2F2



DB8654

# Square

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



2DA2F2



E876A4



BB9641



00B192

# Rectangle

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



2DA2F2



BA87D9



BB9641



6EAA5B

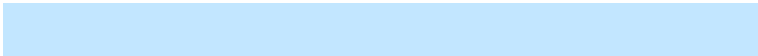


# Sweetspot

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



2DA2F2



C2E6FF



2DF27C



5B7080



000000



808080

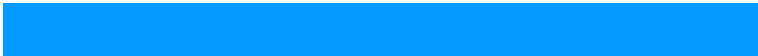


# Same Dimension

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



2DA2F2



059AFF



2D41F2



6C7378



006DB8



002138



# Inverse Universe

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



F22DA2



FF059A



F2DE2D



786C73



B8006D

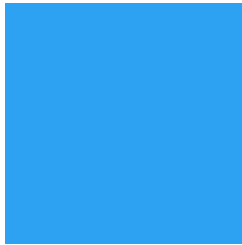


380021



# Previews

## White Background



This preview shows how the Hex color 2DA2F2 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 2DA2F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

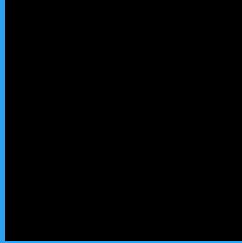
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

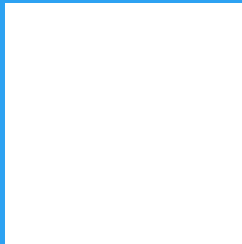
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DA2F2 Background



This preview shows how black text looks on a background with the Hex color 2DA2F2.

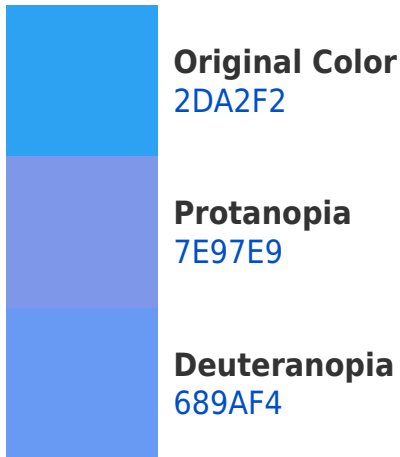


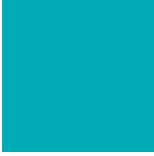
This preview shows how white text looks on a background with the Hex color 2DA2F2.

# 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](#).

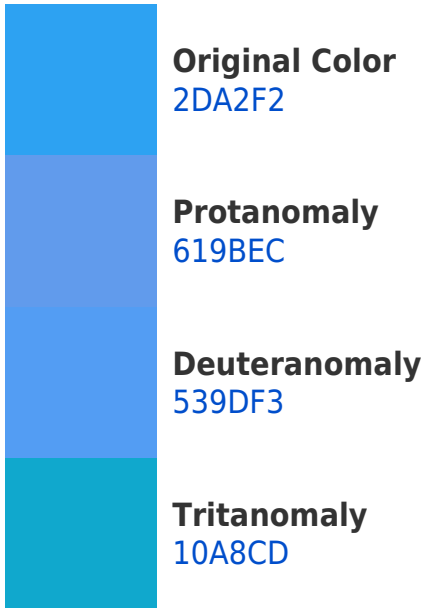
## Dichromacy



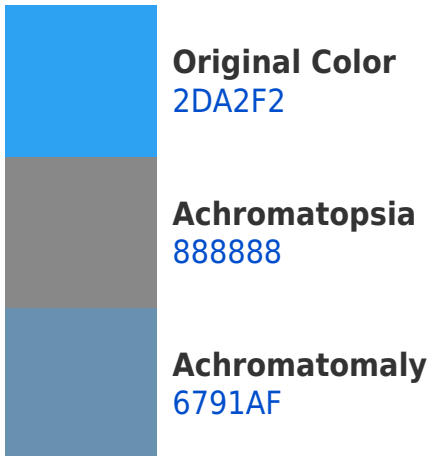


**Tritanopia**  
00ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DA2F2 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 #2DA2F2 looks like.

```
.text, #text, p{  
    color:#2DA2F2  
}
```

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 #2DA2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA2F2
}
```

## Border

The CSS property to change the border of an element to Hex 2DA2F2 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
#2DA2F2 }
```

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

```
.border{ border-color:#2DA2F2 }
```

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

Here you see how a box with a 4 pixel #2DA2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA2F2; -webkit-box-shadow:4px 4px  
4px 4px #2DA2F2; box-shadow:4px 4px 4px  
4px #2DA2F2 }
```

# Background

The CSS property to change the background color of an element to Hex 2DA2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA2F2 }
```

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

```
.background{ background-color:#2DA2F2 }
```

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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