

# Converting Colors

Hex(27A2F8)

Have a look what the booklet for  
Hex(27A2F8) contains.

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# **Color**

**Hex(27A2F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27A2F8
RGB	39, 162, 248
RGB Percent	15%, 64%, 97%
CMY	0.8471, 0.3647, 0.0275
CMYK	0.84, 0.35, 0.00, 0.03
HSL	205°, 94%, 56%
HSV	205°, 84%, 97%
XYZ	30.7003, 33.0493, 93.5680
YIQ	135.0270, -100.9140, 0.6700

# Conversions

## Conversions Part 2

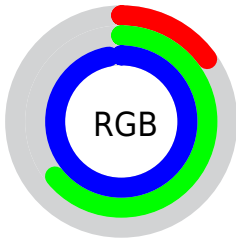
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	39, 116, 248
Decimal	2597624
CIE Lab	64.20, -2.63, -51.87
CIE LCh	64, 51.935, 267.095
Yxy	33.0493, 0.1951, 0.2101
Android (android.graphics.Color)	4280787704 (0xFF27A2F8)
YUV	135.0270, 55.6957, -84.2157
Hunter-Lab	57.4885, -5.2815, -56.2581

# Details

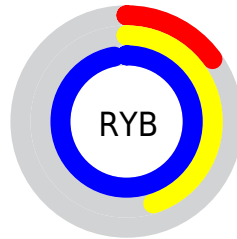
The Hex color **27A2F8** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F87D27**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **78D8FF**, and **006FBF** is the 20% darker color. If you saturate the color by 10%, you get **0E98F8**, and if you desaturate by 10%, it is **40ACF8**.

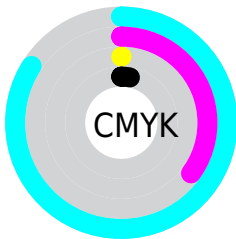
# Distribution



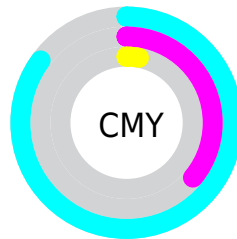
- Red (15%)
- Green (64%)
- Blue (97%)



- Red (15%)
- Yellow (45%)
- Blue (97%)



- Cyan (84%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (85%)
- Magenta (36%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27A2F8 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 27A2F8 by changing the saturation by 10% instead.



 27A2F8

 27A2F8

FFFFFF

 0088DB

 78D8FF

 006FBF

 99F5FF

 0057A4

 B9FFFF

 004089

 D8FFFF

 002B6F

 F8FFFF

 001756

 00063E

 000327

 000111

■ 27A2F8

■ 27A2F8

■ 0E98F8

■ 40ACF8

■ 0092F8

■ 59B6F8

■ 71C1F8

■ 8ACBF8

■ A3D5F8

■ BCDF8

■ D5E9F8

■ EDF4F8

■ FFFE8

# Harmonies

## Analogous

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



00ADE9



27A2F8



9691EE

# Triad

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



27A2F8



F07774



50AE67

# Complementary

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



27A2F8



F87D27

# 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.



8CA545



27A2F8



DD864E

# Square

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



27A2F8



ED73A2



BA983B



00B295

# Rectangle

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



27A2F8



C085DB



BA983B



67AC5A

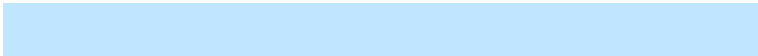


# Sweetspot

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



27A2F8



BFE5FF



27F87B



597080



000000



808080



# Same Dimension

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



27A2F8



0096FF



273CF8



70787D



006FBD



00243D



# Inverse Universe

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



F827A2



FF0096



F8E327



7D7078



BD006F



3D0024



# Previews

## White Background



This preview shows how the Hex color 27A2F8 looks on a white background.

## Color Contrast Check

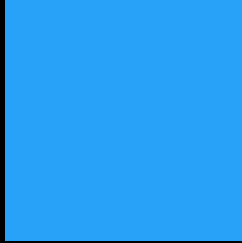
Large Text (above 18pt) WCAG AA × Fail

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 27A2F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

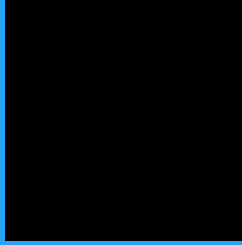
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

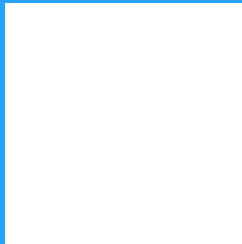
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27A2F8 Background



This preview shows how black text looks on a background with the Hex color 27A2F8.



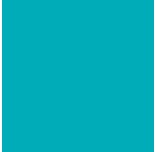
This preview shows how white text looks on a background with the Hex color 27A2F8.

# 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



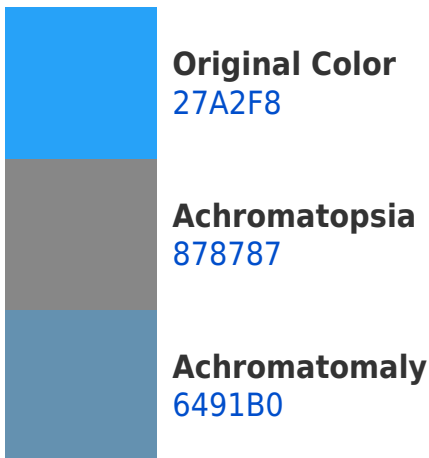


**Tritanopia**  
00ACB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27A2F8 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 #27A2F8 looks like.

```
.text, #text, p{  
    color:#27A2F8  
}
```

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 #27A2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A2F8  
}
```

## Border

The CSS property to change the border of an element to Hex 27A2F8 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  
#27A2F8 }
```

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

```
.border{ border-color:#27A2F8 }
```

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

Here you see how a box with a 4 pixel #27A2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A2F8; -webkit-box-shadow:4px 4px  
4px 4px #27A2F8; box-shadow:4px 4px 4px  
4px #27A2F8 }
```

# Background

The CSS property to change the background color of an element to Hex 27A2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A2F8 }
```

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

```
.background{ background-color:#27A2F8 }
```

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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