

Converting Colors

Hex(2A9CF7)

Have a look what the booklet for
Hex(2A9CF7) contains.

Hex(2A9CF7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A9CF7)

Conversions

Conversions Part 1

Format	Color
Hex	2A9CF7
RGB	42, 156, 247
RGB Percent	16%, 61%, 97%
CMY	0.8353, 0.3882, 0.0314
CMYK	0.83, 0.37, 0.00, 0.03
HSL	207°, 93%, 57%
HSV	207°, 83%, 97%
XYZ	29.6318, 30.9846, 92.4145
YIQ	132.2880, -97.1550, 4.1330

Conversions

Conversions Part 2

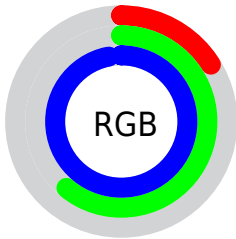
Format	Color
R _{YB}	42, 115, 247
Decimal	2792695
CIE Lab	62.49, 0.70, -54.03
CIE LCh	62, 54.030, 270.737
Yxy	30.9846, 0.1936, 0.2025
Android (android.graphics.Color)	4280982775 (0xFF2A9CF7)
YUV	132.2880, 56.5530, -79.1826
Hunter-Lab	55.6638, -2.3897, -59.4702

Details

The Hex color **2A9CF7** 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 **F7852A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79D2FF**, and **0069BE** is the 20% darker color. If you saturate the color by 10%, you get **1191F7**, and if you desaturate by 10%, it is **43A7F7**.

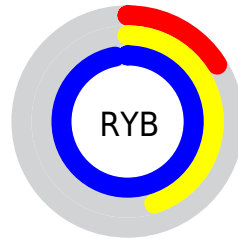
Distribution



Red (16%)

Green (61%)

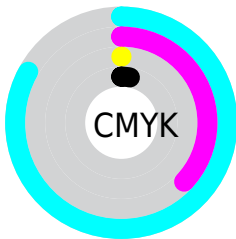
Blue (97%)



Red (16%)

Yellow (45%)

Blue (97%)

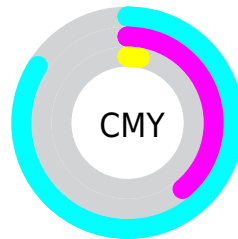


Cyan (83%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (84%)

Magenta (39%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9CF7 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 2A9CF7 by changing the saturation by 10% instead.

 2A9CF7

 2A9CF7

FFFFFF

 0082DA

 79D2FF

 0069BE

 9AEFF

 0052A3

 BAFFF

 003B88

 D9FFF

 00276E

 F8FFF

 001255

 00063D

 000326

 00010F

■ 2A9CF7

■ 2A9CF7

■ 1191F7

■ 43A7F7

■ 0089F7

■ 5BB2F7

■ 74BDF7

■ 8DC8F7

■ A6D3F7

■ BEDEF7

■ D7E9F7

■ F0F4F7

■ FFFFF7

Harmonies

Analogous

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



00A8EA



2A9CF7



9A8AEA

Triad

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



2A9CF7



EC7269



3CAB66

Complementary

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



2A9CF7



F7852A

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.



80A340



2A9CF7



D68343

Square

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



2A9CF7



ED6C98



B09531



00AF97

Rectangle

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



2A9CF7



C37DD4



B09531



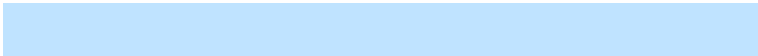
57A958

Sweetspot

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



2A9CF7



BFE3FF



2AF783



596F80



000000



808080

Same Dimension

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



2A9CF7



008EFF



2A38F7



6E757A



0068BA



00213B

Inverse Universe

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



F72A9C



FF008E



F7E92A



7A6E75



BA0068



3B0021

Previews

White Background



This preview shows how the Hex color 2A9CF7 looks on a white background.

Color Contrast Check

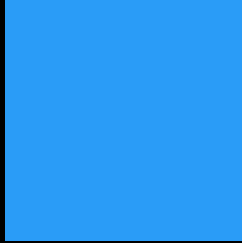
Large Text (above 18pt) WCAG AA × Fail

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 2A9CF7 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

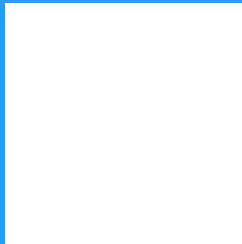
Any Text WCAG AAA ✓ Pass

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

Hex 2A9CF7 Background



This preview shows how black text looks on a background with the Hex color 2A9CF7.



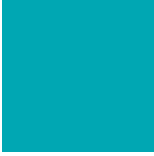
This preview shows how white text looks on a background with the Hex color 2A9CF7.

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](#).

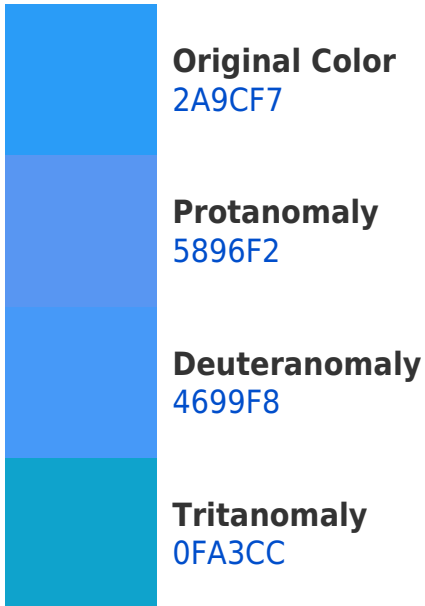
Dichromacy





Tritanopia
00A7B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9CF7 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 #2A9CF7 looks like.

```
.text, #text, p{  
    color:#2A9CF7  
}
```

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 #2A9CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9CF7
}
```

Border

The CSS property to change the border of an element to Hex 2A9CF7 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
#2A9CF7 }
```

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

```
.border{ border-color:#2A9CF7 }
```

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

Here you see how a box with a 4 pixel #2A9CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9CF7; -webkit-box-shadow:4px 4px  
4px 4px #2A9CF7; box-shadow:4px 4px 4px  
4px #2A9CF7 }
```

Background

The CSS property to change the background color of an element to Hex 2A9CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9CF7 }
```

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

```
.background{ background-color:#2A9CF7 }
```

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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