

Converting Colors

Hex(2E9FC9)

Have a look what the booklet for
Hex(2E9FC9) contains.

Hex(2E9FC9)	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(2E9FC9)

Conversions

Conversions Part 1

Format	Color
Hex	2E9FC9
RGB	46, 159, 201
RGB Percent	18%, 62%, 79%
CMY	0.8196, 0.3765, 0.2118
CMYK	0.77, 0.21, 0.00, 0.21
HSL	196°, 63%, 48%
HSV	196°, 77%, 79%
XYZ	24.0675, 29.5942, 59.7021
YIQ	130.0010, -80.8300, -10.8940

Conversions

Conversions Part 2

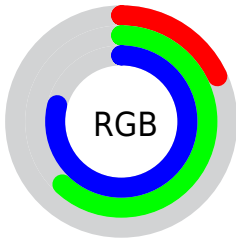
Format	Color
R_{YB}	46, 111, 201
Decimal	3055561
CIE _{Lab}	61.30, -16.87, -30.42
CIE _{LCh}	61, 34.784, 240.979
Yxy	29.5942, 0.2123, 0.2611
Android (android.graphics.Color)	4281245641 (0xFF2E9FC9)
YUV	130.0010, 35.0025, -73.6689
Hunter-Lab	54.4005, -16.2303, -26.9877

Details

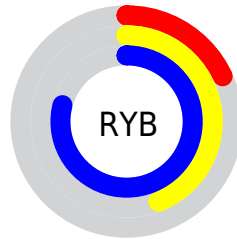
The Hex color **2E9FC9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **C9582E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **73D6FF**, and **006C93** is the 20% darker color. If you saturate the color by 10%, you get **1A9AC9**, and if you desaturate by 10%, it is **42A4C9**.

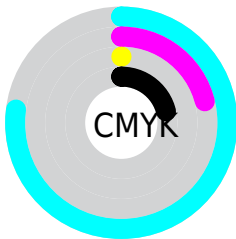
Distribution



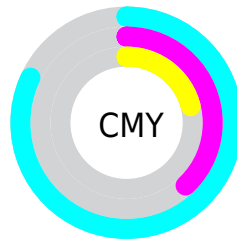
- Red (18%)
- Green (62%)
- Blue (79%)



- Red (18%)
- Yellow (44%)
- Blue (79%)



- Cyan (77%)
- Magenta (21%)
- Yellow (0%)
- Black (21%)



- Cyan (82%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9FC9 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 2E9FC9 by changing the saturation by 10% instead.

■ 2E9FC9

■ 2E9FC9

FFFFFF

■ 0085AE

■ 73D6FF

■ 006C93

■ 92F2FF

■ 005379

■ B0FFFF

■ 003C60

■ CEFFFF

■ 002648

■ ECFFFF

■ 000D31

■ 00011C

■ 000000

■ 2E9FC9

■ 2E9FC9

■ 1A9AC9

■ 42A4C9

■ 0694C9

■ 56AAC9

■ 0093C9

■ 6AAFC9

■ 7EB5C9

■ 93BAC9

■ A7C0C9

■ BBC5C9

■ CFCBC9

■ E3D0C9

Harmonies

Analogous

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



00A4B3



2E9FC9



6897D1

Triad

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



2E9FC9



CE7C94



879C5E

Complementary

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



2E9FC9



C9582E

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.



A79256



2E9FC9



CE7F76

Square

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



2E9FC9



BC81B2



C0885F



62A275

Rectangle

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



2E9FC9



8A8FCD



C0885F



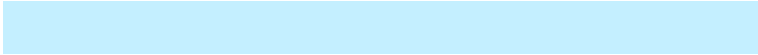
929959

Sweetspot

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



2E9FC9



C4EFFF



2EC957



5C7680



000000



808080

Same Dimension

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



2E9FC9



12BFFF



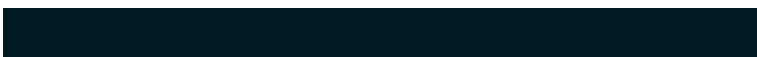
2E52C9



5A6163



0077A3



001A24

Inverse Universe

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



C92E9F



FF12BF



C9A52E



635A61



A30077



24001A

Previews

White Background



This preview shows how the Hex color 2E9FC9 looks on a white background.

Color Contrast Check

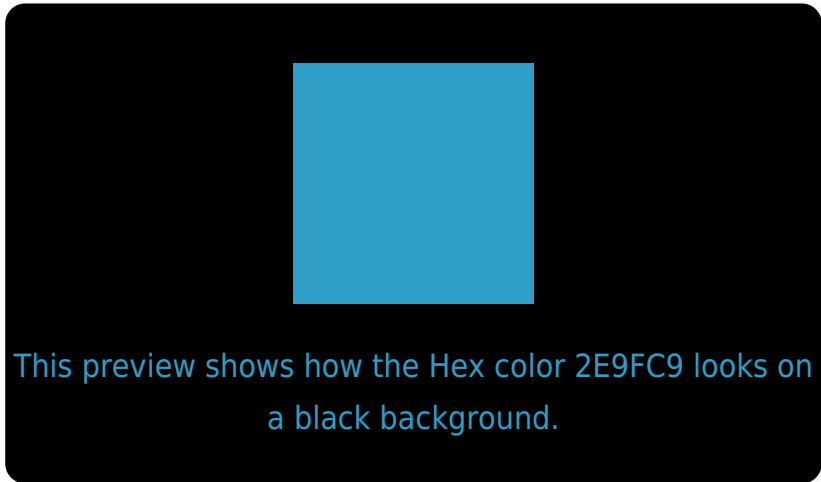
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9FC9 Background



This preview shows how black text looks on a background with the Hex color 2E9FC9.

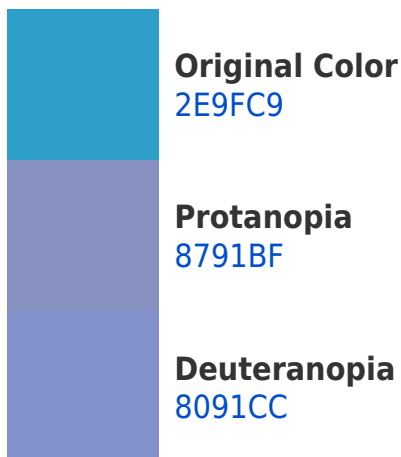


This preview shows how white text looks on a background with the Hex color 2E9FC9.

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](#).

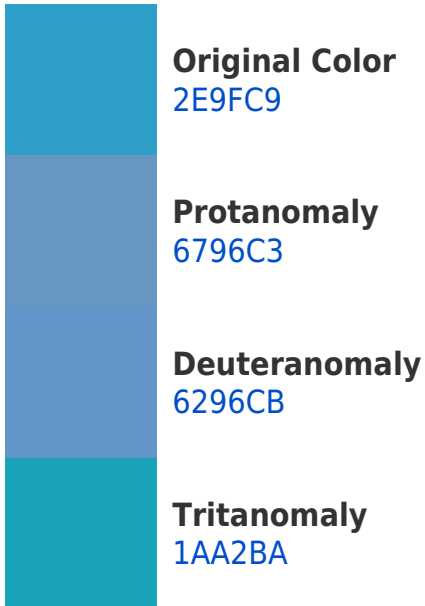
Dichromacy





Tritanopia
0EA3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9FC9 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 #2E9FC9 looks like.

```
.text, #text, p{  
    color:#2E9FC9  
}
```

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 #2E9FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9FC9
}
```

Border

The CSS property to change the border of an element to Hex 2E9FC9 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
#2E9FC9 }
```

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

```
.border{ border-color:#2E9FC9 }
```

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

Here you see how a box with a 4 pixel #2E9FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9FC9; -webkit-box-shadow:4px 4px  
4px 4px #2E9FC9; box-shadow:4px 4px 4px  
4px #2E9FC9 }
```

Background

The CSS property to change the background color of an element to Hex 2E9FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9FC9 }
```

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

```
.background{ background-color:#2E9FC9 }
```

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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