

Converting Colors

Hex(2E9FC6)

Have a look what the booklet for
Hex(2E9FC6) contains.

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Color

Hex(2E9FC6)

Conversions

Conversions Part 1

Format	Color
Hex	2E9FC6
RGB	46, 159, 198
RGB Percent	18%, 62%, 78%
CMY	0.8196, 0.3765, 0.2235
CMYK	0.77, 0.20, 0.00, 0.22
HSL	195°, 62%, 48%
HSV	195°, 77%, 78%
XYZ	23.7179, 29.4543, 57.8613
YIQ	129.6590, -79.8670, -11.8270

Conversions

Conversions Part 2

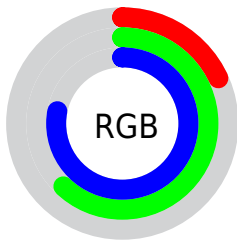
Format	Color
R_{YB}	46, 111, 198
Decimal	3055558
CIE _{Lab}	61.18, -17.89, -28.93
CIE _{LCh}	61, 34.011, 238.267
Yxy	29.4543, 0.2136, 0.2653
Android (android.graphics.Color)	4281245638 (0xFF2E9FC6)
YUV	129.6590, 33.6921, -73.3689
Hunter-Lab	54.2718, -16.9676, -25.2210

Details

The Hex color **2E9FC6** 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 **C6552E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **73D6FF**, and **006B90** is the 20% darker color. If you saturate the color by 10%, you get **1A9AC6**, and if you desaturate by 10%, it is **42A4C6**.

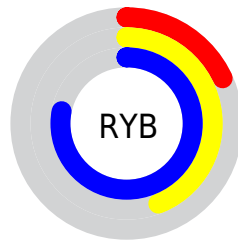
Distribution



Red (18%)

Green (62%)

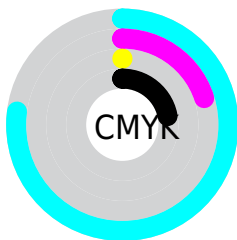
Blue (78%)



Red (18%)

Yellow (44%)

Blue (78%)

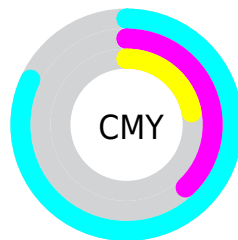


Cyan (77%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (82%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9FC6 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 2E9FC6 by changing the saturation by 10% instead.

 2E9FC6

 2E9FC6

FFFFFF

 0085AB

 73D6FF

 006B90

 91F2FF

 005376

 AFFFFF

 003C5D

 CDFFFF

 002646

 EBFFFF

 000C2F

 00011A

 000000

 2E9FC6

 2E9FC6

■ 1A9AC6

■ 42A4C6

■ 0695C6

■ 56A9C6

■ 0093C6

■ 69AEC6

■ 7DB3C6

■ 91B8C6

■ A5BDC6

■ B9C3C6

■ CCC8C6

■ E0CDC6

Harmonies

Analogous

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



11A3AF



2E9FC6



6597CF

Triad

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



2E9FC6



CB7C97



8A9A5E

Complementary

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



2E9FC6



C6552E

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.



A99157



2E9FC6



CD7E79

Square

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



2E9FC6



B882B4



C18761



66A173

Rectangle

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



2E9FC6



8690CD



C18761



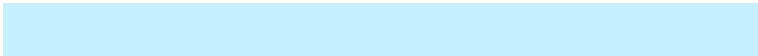
95985A

Sweetspot

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



2E9FC6



C4F0FF



2EC654



5C7680



000000



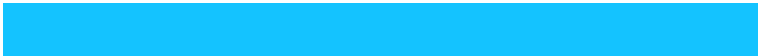
808080

Same Dimension

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



2E9FC6



14C3FF



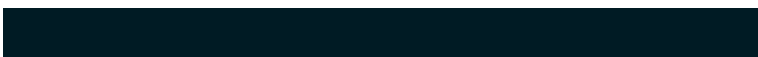
2E54C6



5A6163



0079A3



001B24

Inverse Universe

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



C62E9F



FF14C3



C6A02E



635A61



A30079



24001B

Previews

White Background



This preview shows how the Hex color 2E9FC6 looks on a white background.

Color Contrast Check

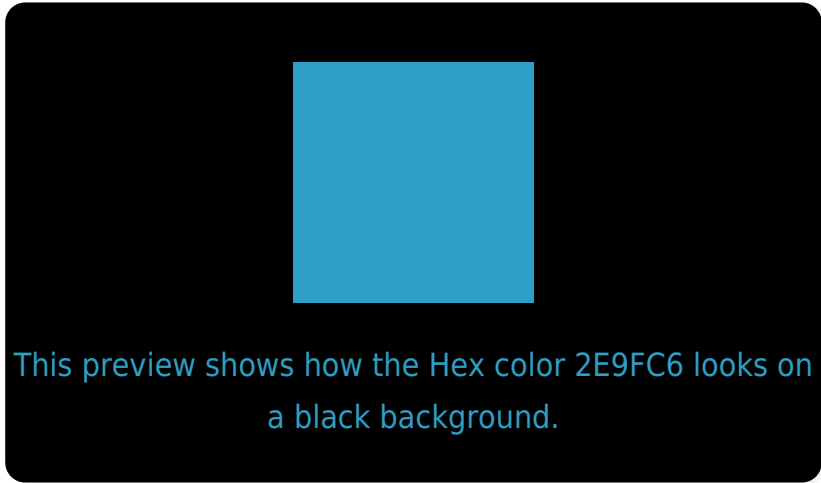
Large Text (above 18pt) WCAG AA ✓ Pass

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

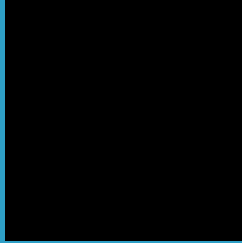
Any Text WCAG AA ✓ Pass

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 2E9FC6 Background



This preview shows how black text looks on a background with the Hex color 2E9FC6.



This preview shows how white text looks on a background with the Hex color 2E9FC6.

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
15A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9FC6 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 #2E9FC6 looks like.

```
.text, #text, p{  
    color:#2E9FC6  
}
```

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 #2E9FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9FC6
}
```

Border

The CSS property to change the border of an element to Hex 2E9FC6 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
#2E9FC6 }
```

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

```
.border{ border-color:#2E9FC6 }
```

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

Here you see how a box with a 4 pixel #2E9FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9FC6; -webkit-box-shadow:4px 4px  
4px 4px #2E9FC6; box-shadow:4px 4px 4px  
4px #2E9FC6 }
```

Background

The CSS property to change the background color of an element to Hex 2E9FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9FC6 }
```

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

```
.background{ background-color:#2E9FC6 }
```

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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