

Converting Colors

Hex(2E86FC)

Have a look what the booklet for
Hex(2E86FC) contains.

Hex(2E86FC)	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(2E86FC)

Conversions

Conversions Part 1

Format	Color
Hex	2E86FC
RGB	46, 134, 252
RGB Percent	18%, 53%, 99%
CMY	0.8196, 0.4745, 0.0118
CMYK	0.82, 0.47, 0.00, 0.01
HSL	214°, 97%, 58%
HSV	214°, 82%, 99%
XYZ	27.2225, 24.6593, 95.4204
YIQ	121.1400, -90.3260, 18.0420

Conversions

Conversions Part 2

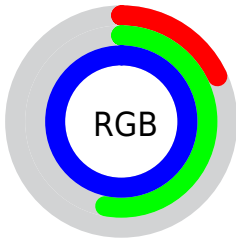
Format	Color
R _Y B	46, 108, 252
Decimal	3049212
CIE Lab	56.74, 16.04, -65.97
CIE LCh	57, 67.897, 283.666
Yxy	24.6593, 0.1848, 0.1674
Android (android.graphics.Color)	4281239292 (0xFF2E86FC)
YUV	121.1400, 64.5140, -65.8978
Hunter-Lab	49.6581, 10.9516, -79.1678

Details

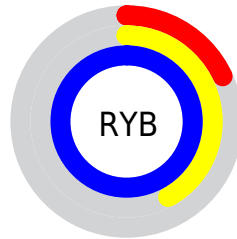
The Hex color **2E86FC** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FCA42E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7DBBFF**, and **0055C3** is the 20% darker color. If you saturate the color by 10%, you get **1578FC**, and if you desaturate by 10%, it is **4794FC**.

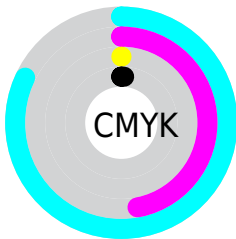
Distribution



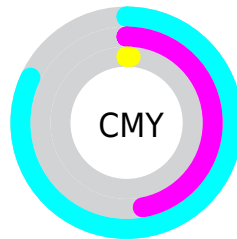
- Red (18%)
- Green (53%)
- Blue (99%)



- Red (18%)
- Yellow (42%)
- Blue (99%)



- Cyan (82%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)



- Cyan (82%)
- Magenta (47%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E86FC 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 2E86FC by changing the saturation by 10% instead.

 2E86FC

 2E86FC

FFFFFF

 006DDF

 7DBBFF

 0055C3

 9DD6FF

 003FA7

 BDF2FF

 002B8C


 DCFFFF

 001971

 FCFFFF

 000B58

 000740

 000329

 000113

■ 2E86FC

■ 2E86FC

■ 1578FC

■ 4794FC

■ 006CFC

■ 60A3FC

■ 7AB1FC

■ 93C0FC

■ ACCEFC

■ C5DDFC

■ DEEBFC

■ F8F9FC

FFFFFC

Harmonies

Analogous

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



0098FA



2E86FC



AC6BDF

Triad

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



2E86FC



E25F38



00A165

Complementary

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



2E86FC



FCA42E

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.



449A28



2E86FC



BE7900

Square

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



2E86FC



F14970



8A8E00



00A3A2

Rectangle

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



2E86FC



D458BE



8A8E00



009F50

Sweetspot

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



2E86FC



BFD AFF



2EFCA3



596A80



000000



808080

Same Dimension

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



2E86FC



0570FF



3C2EFC



70767D



0051BD



001A3D

Inverse Universe

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



FC2E86



FF0570



EEFC2E



7D7076



BD0051



3D001A

Previews

White Background



This preview shows how the Hex color 2E86FC looks on a white background.

Color Contrast Check

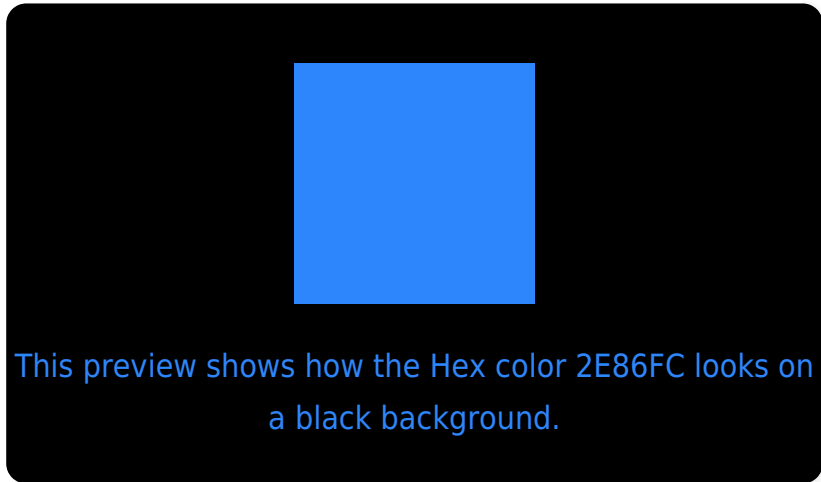
Large Text (above 18pt) WCAG AA ✓ Pass

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

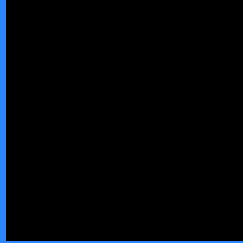
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

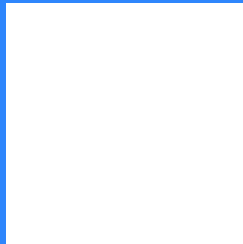
Any Text WCAG AAA × Fail

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

Hex 2E86FC Background



This preview shows how black text looks on a background with the Hex color 2E86FC.



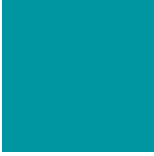
This preview shows how white text looks on a background with the Hex color 2E86FC.

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](#).

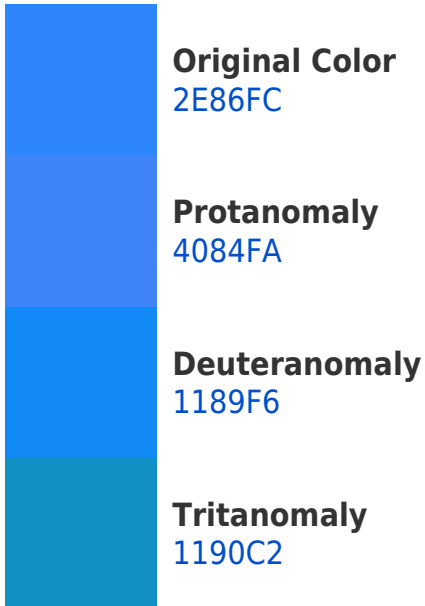
Dichromacy



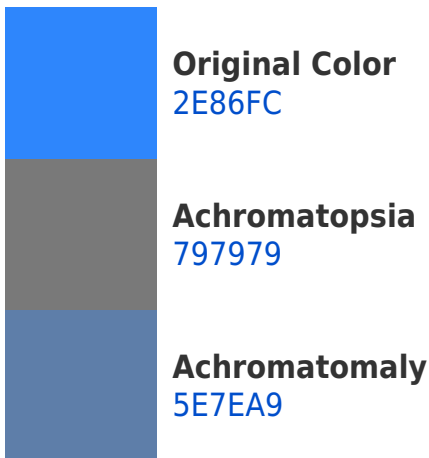


Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E86FC 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 #2E86FC looks like.

```
.text, #text, p{  
    color:#2E86FC  
}
```

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 #2E86FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E86FC
}
```

Border

The CSS property to change the border of an element to Hex 2E86FC 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
#2E86FC }
```

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

```
.border{ border-color:#2E86FC }
```

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

Here you see how a box with a 4 pixel #2E86FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E86FC; -webkit-box-shadow:4px 4px  
4px 4px #2E86FC; box-shadow:4px 4px 4px  
4px #2E86FC }
```

Background

The CSS property to change the background color of an element to Hex 2E86FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E86FC }
```

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

```
.background{ background-color:#2E86FC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor