

Converting Colors

Hex(2E93F3)

Have a look what the booklet for
Hex(2E93F3) contains.

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Color

Hex(2E93F3)

Conversions

Conversions Part 1

Format	Color
Hex	2E93F3
RGB	46, 147, 243
RGB Percent	18%, 58%, 95%
CMY	0.8196, 0.4235, 0.0471
CMYK	0.81, 0.40, 0.00, 0.05
HSL	209°, 89%, 57%
HSV	209°, 81%, 95%
XYZ	27.7381, 27.9193, 88.7210
YIQ	127.7450, -91.0120, 8.4440

Conversions

Conversions Part 2

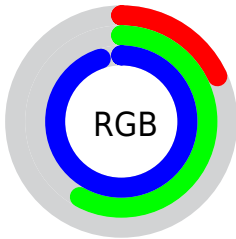
Format	Color
R _Y B	46, 113, 243
Decimal	3052531
CIE Lab	59.82, 4.86, -56.09
CIE LCh	60, 56.297, 274.952
Yxy	27.9193, 0.1921, 0.1934
Android (android.graphics.Color)	4281242611 (0xFF2E93F3)
YUV	127.7450, 56.8207, -71.6904
Hunter-Lab	52.8388, 1.2371, -62.5661

Details

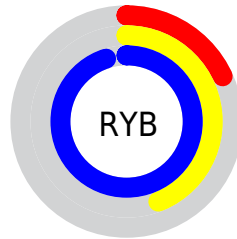
The Hex color **2E93F3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F38E2E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7AC8FF**, and **0061BA** is the 20% darker color. If you saturate the color by 10%, you get **1687F3**, and if you desaturate by 10%, it is **469FF3**.

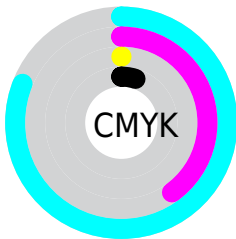
Distribution



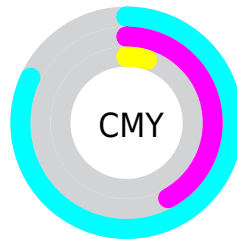
- Red (18%)
- Green (58%)
- Blue (95%)



- Red (18%)
- Yellow (44%)
- Blue (95%)



- Cyan (81%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E93F3 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 2E93F3 by changing the saturation by 10% instead.

 2E93F3

 2E93F3

FFFFFF

 007AD6

 7AC8FF

 0061BA

 9BE4FF

 004A9F

 BAFFFF

 003484


 D9FFFF

 00216A

 F8FFFF

 000852

 000539

 000223

 00000A

■ 2E93F3

■ 2E93F3

■ 1687F3

■ 469FF3

■ 007DF3

■ 5FABF3

■ 77B7F3

■ 8FC2F3

■ A7CEF3

■ C0DAF3

■ D8E6F3

■ F0F2F3

■ FFFE3

Harmonies

Analogous

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



00A0E9



2E93F3



9D7FE2

Triad

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



2E93F3



E56B5A



0FA564

Complementary

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



2E93F3



F38E2E

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.



6F9D39



2E93F3



CB7E34

Square

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



2E93F3



E9628A



A39023



00A897

Rectangle

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



2E93F3



C471CA



A39023



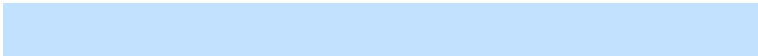
40A354

Sweetspot

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



2E93F3



C2E1FF



2EF38D



5B6D80



000000



808080

Same Dimension

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



2E93F3



0886FF



2E31F3



6E747A



005FBA



001E3B

Inverse Universe

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



F32E93



FF0886



F3F02E



7A6E74



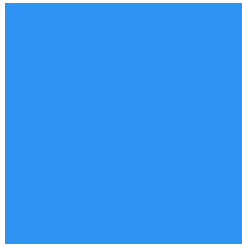
BA005F



3B001E

Previews

White Background



This preview shows how the Hex color 2E93F3 looks on a white background.

Color Contrast Check

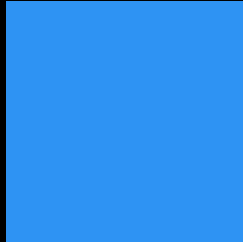
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2E93F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

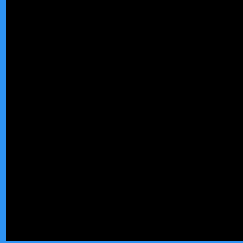
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

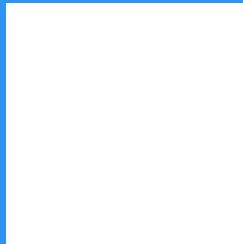
Any Text WCAG AAA × Fail

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

Hex 2E93F3 Background



This preview shows how black text looks on a background with the Hex color 2E93F3.

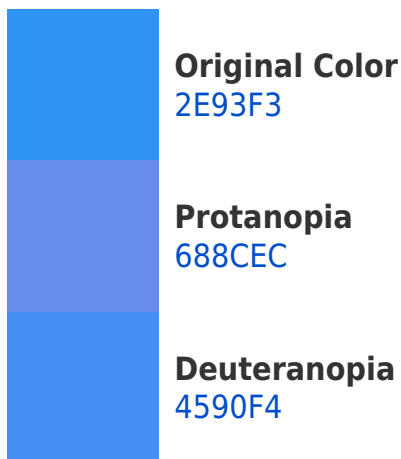


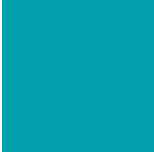
This preview shows how white text looks on a background with the Hex color 2E93F3.

Color Blindness Simulation

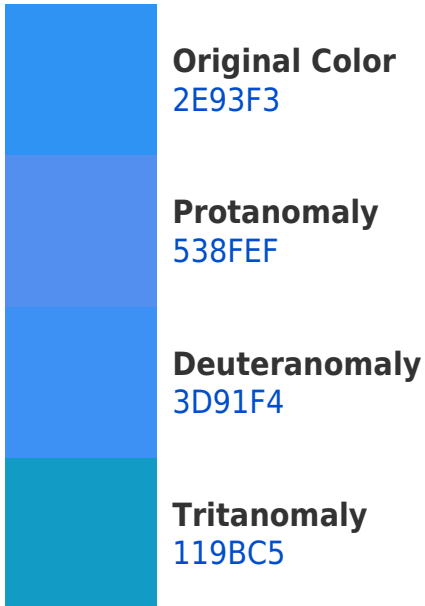
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

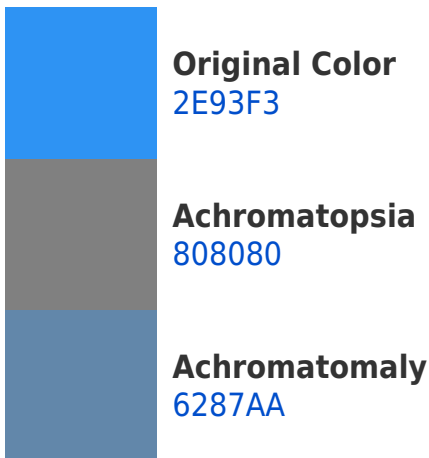




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E93F3 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 #2E93F3 looks like.

```
.text, #text, p{  
    color:#2E93F3  
}
```

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 #2E93F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E93F3
}
```

Border

The CSS property to change the border of an element to Hex 2E93F3 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
#2E93F3 }
```

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

```
.border{ border-color:#2E93F3 }
```

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

Here you see how a box with a 4 pixel #2E93F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E93F3; -webkit-box-shadow:4px 4px  
4px 4px #2E93F3; box-shadow:4px 4px 4px  
4px #2E93F3 }
```

Background

The CSS property to change the background color of an element to Hex 2E93F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E93F3 }
```

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

```
.background{ background-color:#2E93F3 }
```

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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