

Converting Colors

Hex(2EC6F7)

Have a look what the booklet for
Hex(2EC6F7) contains.

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Color

Hex(2EC6F7)

Conversions

Conversions Part 1

Format	Color
Hex	2EC6F7
RGB	46, 198, 247
RGB Percent	18%, 78%, 97%
CMY	0.8196, 0.2235, 0.0314
CMYK	0.81, 0.20, 0.00, 0.03
HSL	195°, 93%, 57%
HSV	195°, 81%, 97%
XYZ	38.1093, 47.6844, 95.1911
YIQ	158.1380, -106.3210, -16.9850

Conversions

Conversions Part 2

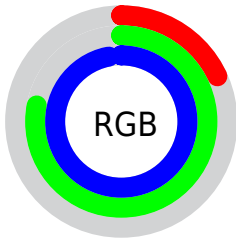
Format	Color
R _{YB}	46, 133, 247
Decimal	3065591
CIE Lab	74.63, -21.93, -34.99
CIE LCh	75, 41.293, 237.919
Yxy	47.6844, 0.2106, 0.2635
Android (android.graphics.Color)	4281255671 (0xFF2EC6F7)
YUV	158.1380, 43.8090, -98.3450
Hunter-Lab	69.0539, -22.3342, -33.3938

Details

The Hex color **2EC6F7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F75F2E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7DFFFF**, and **0090BE** is the 20% darker color. If you saturate the color by 10%, you get **15C0F7**, and if you desaturate by 10%, it is **47CCF7**.

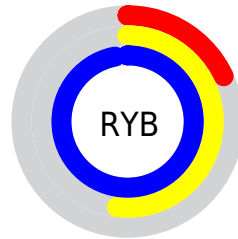
Distribution



Red (18%)

Green (78%)

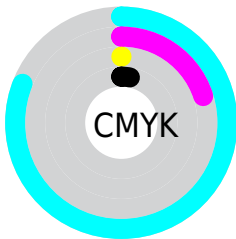
Blue (97%)



Red (18%)

Yellow (52%)

Blue (97%)

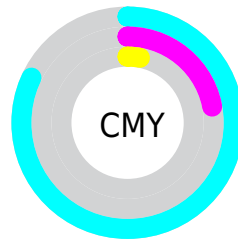


Cyan (81%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (82%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC6F7 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 2EC6F7 by changing the saturation by 10% instead.

 2EC6F7

 2EC6F7

FFFFFF

 00ABDA

 7DFFFF

 0090BE

 9EFFFF

 0076A3

 BEFFFF

 005D89

 DDFFFF

 00466F

 FDFFFF

 002F56

 001C3F

 000329

 000112

■ 2EC6F7

■ 2EC6F7

■ 15C0F7

■ 47CCF7

■ 00BBF7

■ 5FD2F7

■ 78D8F7

■ 91DEF7

■ AAE4F7

■ C2EAF7

■ DBF0F7

■ F4F6F7

■ FFFCF7

Harmonies

Analogous

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



00CBDA



2EC6F7



7ABCFF

Triad

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



2EC6F7



FD9ABC



ACC073

Complementary

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



2EC6F7



F75F2E

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.



D3B46B



2EC6F7



FF9D96

Square

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



2EC6F7



E5A1E1



F1A778



7FC88E

Rectangle

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



2EC6F7



A5B3FF



F1A778



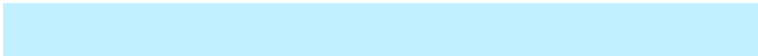
BABC6E

Sweetspot

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



2EC6F7



C2F0FF



2EF75D



5B7680



000000



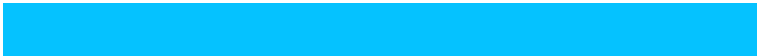
808080

Same Dimension

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



2EC6F7



05C2FF



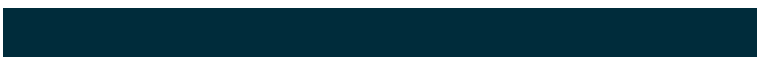
2E64F7



6E777A



008DBA



002C3B

Inverse Universe

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



F72EC6



FF05C2



F7C12E



7A6E77



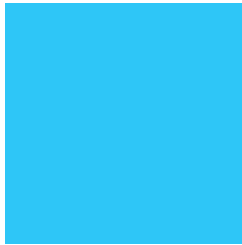
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 2EC6F7 looks on a white background.

Color Contrast Check

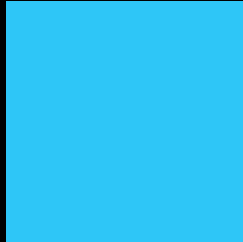
Large Text (above 18pt) WCAG AA × Fail

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 2EC6F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

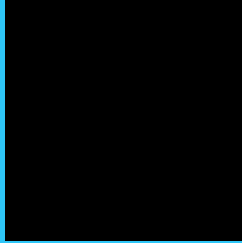
Any Text WCAG AA ✓ Pass

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 2EC6F7 Background



This preview shows how black text looks on a background with the Hex color 2EC6F7.

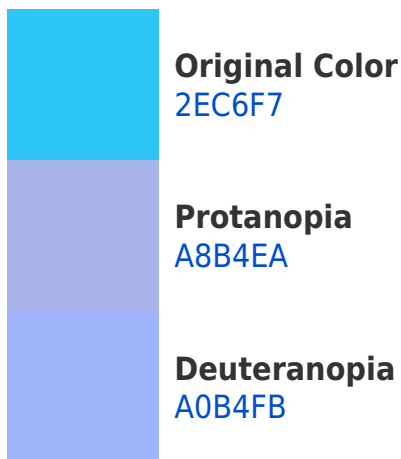


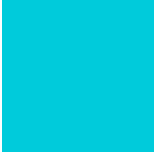
This preview shows how white text looks on a background with the Hex color 2EC6F7.

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
00CBDB

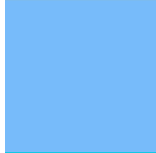
Trichromacy



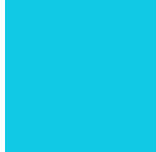
Original Color
2EC6F7



Protanomaly
7CBBEF



Deuteranomaly
77BBFA

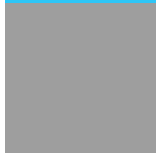


Tritanomaly
11C9E5

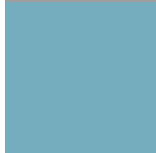
Monochromacy



Original Color
2EC6F7



Achromatopsia
9E9E9E



Achromatomaly
75ADBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC6F7 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 #2EC6F7 looks like.

```
.text, #text, p{  
    color:#2EC6F7  
}
```

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 #2EC6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC6F7
}
```

Border

The CSS property to change the border of an element to Hex 2EC6F7 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
#2EC6F7 }
```

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

```
.border{ border-color:#2EC6F7 }
```

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

Here you see how a box with a 4 pixel #2EC6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC6F7; -webkit-box-shadow:4px 4px  
4px 4px #2EC6F7; box-shadow:4px 4px 4px  
4px #2EC6F7 }
```

Background

The CSS property to change the background color of an element to Hex 2EC6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC6F7 }
```

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

```
.background{ background-color:#2EC6F7 }
```

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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