

Converting Colors

Hex(2ED6F3)

Have a look what the booklet for
Hex(2ED6F3) contains.

Hex(2ED6F3)	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(2ED6F3)

Conversions

Conversions Part 1

Format	Color
Hex	2ED6F3
RGB	46, 214, 243
RGB Percent	18%, 84%, 95%
CMY	0.8196, 0.1608, 0.0471
CMYK	0.81, 0.12, 0.00, 0.05
HSL	189°, 89%, 57%
HSV	189°, 81%, 95%
XYZ	41.3509, 55.1450, 93.2587
YIQ	167.0740, -109.4370, -26.5970

Conversions

Conversions Part 2

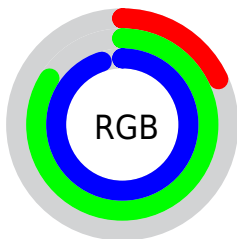
Format	Color
R _Y B	46, 137, 243
Decimal	3069683
CIE Lab	79.12, -31.15, -25.93
CIE LCh	79, 40.532, 219.768
Yxy	55.1450, 0.2179, 0.2906
Android (android.graphics.Color)	4281259763 (0xFF2ED6F3)
YUV	167.0740, 37.4315, -106.1819
Hunter-Lab	74.2597, -30.5581, -22.4772

Details

The Hex color **2ED6F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F34B2E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7EFFFF**, and **009FBB** is the 20% darker color. If you saturate the color by 10%, you get **16D2F3**, and if you desaturate by 10%, it is **46DAF3**.

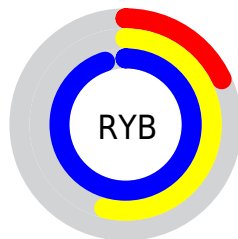
Distribution



Red (18%)

Green (84%)

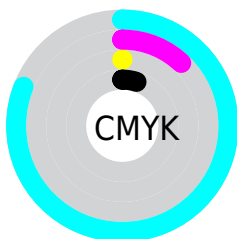
Blue (95%)



Red (18%)

Yellow (54%)

Blue (95%)

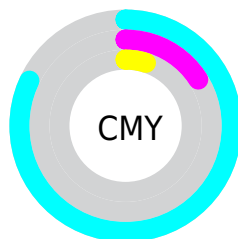


Cyan (81%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (82%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ED6F3 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 2ED6F3 by changing the saturation by 10% instead.

 2ED6F3

 2ED6F3

FFFFFF

 00BAD7

 7EFFFF

 009FBB

 9FFFFFF

 0084A0

 BFFFFFF

 006B86

 DFFFFFF

 00526C

FEFFFF

 003A54

 00263C

 000327

 000110

■ 2ED6F3

■ 2ED6F3

■ 16D2F3

■ 46DAF3

■ 00CFF3

■ 5FDDF3

■ 77E1F3

■ 8FE4F3

■ A7E8F3

■ C0EBF3

■ D8EFF3

■ F0F3F3

■ FFF6F3

Harmonies

Analogous

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



47D8CF



2ED6F3



62CFFF

Triad

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



2ED6F3



FDAADF



D1C679

Complementary

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



2ED6F3



F34B2E

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.



F3B97E



2ED6F3



FFA7B9

Square

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



2ED6F3



D8B6FE



FFAD95



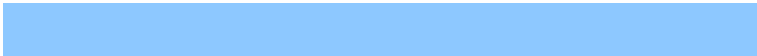
A8D089

Rectangle

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



2ED6F3



8DC8FF



FFAD95



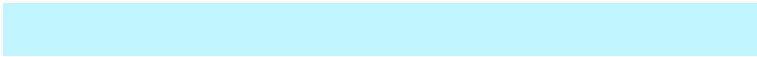
DDC278

Sweetspot

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



2ED6F3



C2F6FF



2EF348



5B7A80



000000



808080

Same Dimension

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



2ED6F3



08DBFF



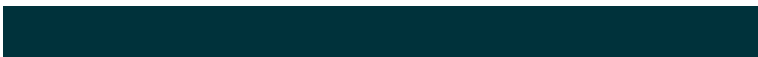
2E76F3



6E797A



009FBA



00323B

Inverse Universe

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



F32ED6



FF08DB



F3AB2E



7A6E79



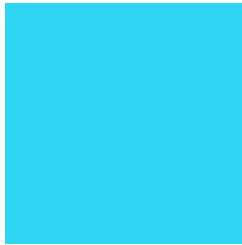
BA009F



3B0032

Previews

White Background



This preview shows how the Hex color 2ED6F3 looks on a white background.

Color Contrast Check

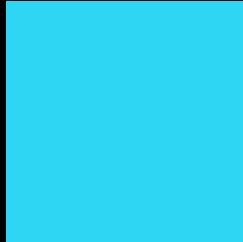
Large Text (above 18pt) WCAG AA × Fail

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 2ED6F3 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 2ED6F3 Background



This preview shows how black text looks on a background with the Hex color 2ED6F3.

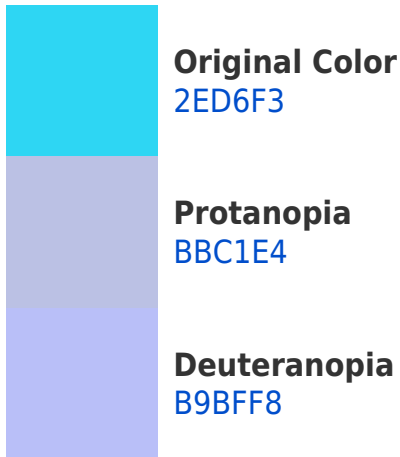


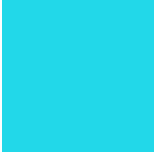
This preview shows how white text looks on a background with the Hex color 2ED6F3.

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
22D8E9

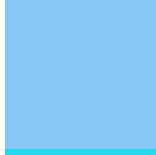
Trichromacy



Original Color
2ED6F3



Protanomaly
88C9E9



Deuteranomaly
86C7F6



Tritanomaly
26D7ED

Monochromacy



Original Color
2ED6F3



Achromatopsia
A7A7A7



Achromatomaly
7BB8C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2ED6F3 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 #2ED6F3 looks like.

```
.text, #text, p{  
    color:#2ED6F3  
}
```

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 #2ED6F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ED6F3
}
```

Border

The CSS property to change the border of an element to Hex 2ED6F3 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
#2ED6F3 }
```

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

```
.border{ border-color:#2ED6F3 }
```

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

Here you see how a box with a 4 pixel #2ED6F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ED6F3; -webkit-box-shadow:4px 4px  
4px 4px #2ED6F3; box-shadow:4px 4px 4px  
4px #2ED6F3 }
```

Background

The CSS property to change the background color of an element to Hex 2ED6F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ED6F3 }
```

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

```
.background{ background-color:#2ED6F3 }
```

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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