

Converting Colors

Hex(2AE2F7)

Have a look what the booklet for
Hex(2AE2F7) contains.

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Color

Hex(2AE2F7)

Conversions

Conversions Part 1

Format	Color
Hex	2AE2F7
RGB	42, 226, 247
RGB Percent	16%, 89%, 97%
CMY	0.8353, 0.1137, 0.0314
CMYK	0.83, 0.09, 0.00, 0.03
HSL	186°, 93%, 57%
HSV	186°, 83%, 97%
XYZ	44.9397, 61.6004, 97.5172
YIQ	173.3780, -116.4050, -32.4770

Conversions

Conversions Part 2

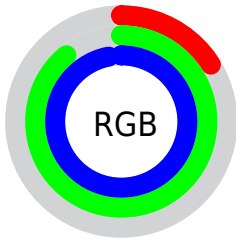
Format	Color
R _{YB}	42, 139, 247
Decimal	2810615
CIE _{Lab}	82.70, -35.91, -22.61
CIE _{LCh}	83, 42.435, 212.197
Y _{xy}	61.6004, 0.2202, 0.3019
Android (android.graphics.Color)	4281000695 (0xFF2AE2F7)
YUV	173.3780, 36.2956, -115.2185
Hunter-Lab	78.4859, -35.1442, -18.7265

Details

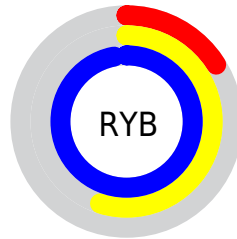
The Hex color **2AE2F7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F73F2A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7EFFFF**, and **00AABF** is the 20% darker color. If you saturate the color by 10%, you get **11DFF7**, and if you desaturate by 10%, it is **43E5F7**.

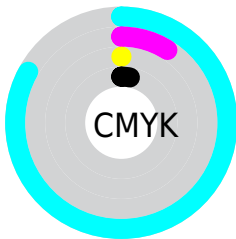
Distribution



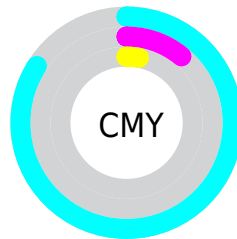
- Red (16%)
- Green (89%)
- Blue (97%)



- Red (16%)
- Yellow (55%)
- Blue (97%)



- Cyan (83%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AE2F7 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 2AE2F7 by changing the saturation by 10% instead.

 2AE2F7

 2AE2F7

FFFFFF

 00C6DA

 7EFFFF

 00AABF

 A0FFFF

 008FA4

 C0FFFF

 007589

 E0FFFF

 005C70

 004457


 002D40

 00132A

 000115

 2AE2F7

 2AE2F7

 11DFF7

 43E5F7

 00DEF7

 5BE7F7

 74EAF7

 8DECF7

 A6EFF7

 BEF1F7

 D7F4F7

 F0F6F7

 FFF9F7

Harmonies

Analogous

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



56E3D0



2AE2F7



54DCFF

Triad

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



2AE2F7



FFB5F4



E5CC7D

Complementary

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



2AE2F7



F73F2A

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.



FFBF88



2AE2F7



FFAFCC

Square

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



2AE2F7



D6C2FF



FFB3A5



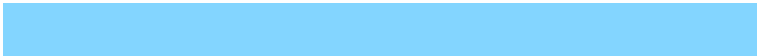
BBD889

Rectangle

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



2AE2F7



83D5FF



FFB3A5



F2C87F

Sweetspot

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



2AE2F7



BFF8FF



2AF73E



597C80



000000



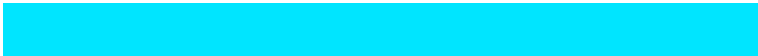
808080

Same Dimension

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



2AE2F7



00E5FF



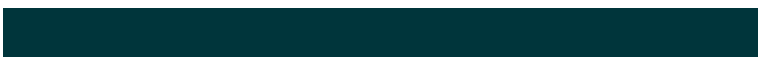
2A7CF7



6E797A



00A7BA



00353B

Inverse Universe

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



F72AE2



FF00E5



F7A52A



7A6E79



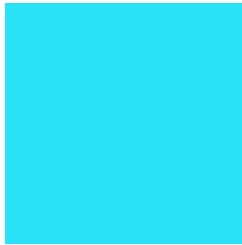
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 2AE2F7 looks on a white background.

Color Contrast Check

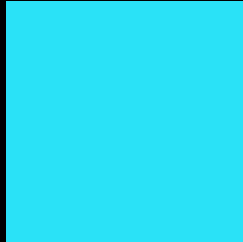
Large Text (above 18pt) WCAG AA × Fail

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 2AE2F7 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 2AE2F7 Background



This preview shows how black text looks on a background with the Hex color 2AE2F7.

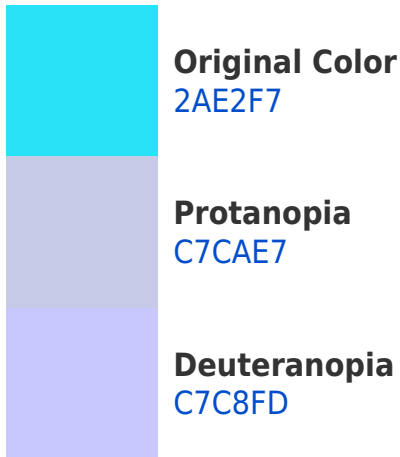


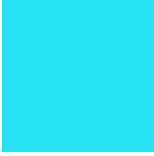
This preview shows how white text looks on a background with the Hex color 2AE2F7.

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



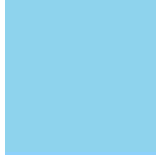


Tritanopia
27E2F5

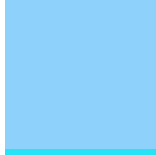
Trichromacy



Original Color
2AE2F7



Protanomaly
8ED3ED



Deuteranomaly
8ED1FB

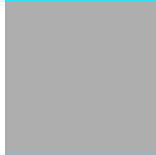


Tritanomaly
28E2F6

Monochromacy



Original Color
2AE2F7



Achromatopsia
ADADAD



Achromatomaly
7DC0C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AE2F7 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 #2AE2F7 looks like.

```
.text, #text, p{  
    color:#2AE2F7  
}
```

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 #2AE2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AE2F7
}
```

Border

The CSS property to change the border of an element to Hex 2AE2F7 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
#2AE2F7 }
```

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

```
.border{ border-color:#2AE2F7 }
```

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

Here you see how a box with a 4 pixel #2AE2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AE2F7; -webkit-box-shadow:4px 4px  
4px 4px #2AE2F7; box-shadow:4px 4px 4px  
4px #2AE2F7 }
```

Background

The CSS property to change the background color of an element to Hex 2AE2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AE2F7 }
```

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

```
.background{ background-color:#2AE2F7 }
```

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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