

Converting Colors

Hex(2AD1F5)

Have a look what the booklet for
Hex(2AD1F5) contains.

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Color

Hex(2AD1F5)

Conversions

Conversions Part 1

Format	Color
Hex	2AD1F5
RGB	42, 209, 245
RGB Percent	16%, 82%, 96%
CMY	0.8353, 0.1804, 0.0392
CMYK	0.83, 0.15, 0.00, 0.04
HSL	191°, 91%, 56%
HSV	191°, 83%, 96%
XYZ	40.2367, 52.6857, 94.4349
YIQ	163.1710, -111.0880, -24.2080

Conversions

Conversions Part 2

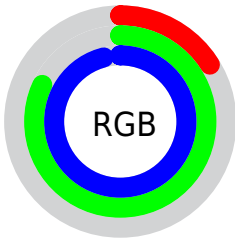
Format	Color
R_{YB}	42, 134, 245
Decimal	2806261
CIE _{Lab}	77.69, -28.40, -29.20
CIE _{LCh}	78, 40.732, 225.793
Yxy	52.6857, 0.2148, 0.2812
Android (android.graphics.Color)	4280996341 (0xFF2AD1F5)
YUV	163.1710, 40.3417, -106.2670
Hunter-Lab	72.5849, -28.0740, -26.3283

Details

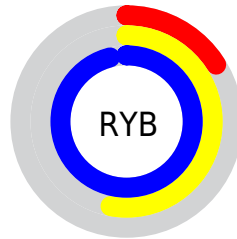
The Hex color **2AD1F5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F54E2A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7CFFFF**, and **009ABD** is the 20% darker color. If you saturate the color by 10%, you get **11CDF5**, and if you desaturate by 10%, it is **42D5F5**.

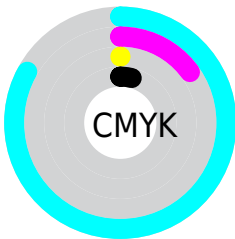
Distribution



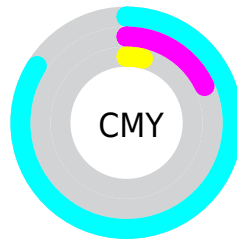
- Red (16%)
- Green (82%)
- Blue (96%)



- Red (16%)
- Yellow (53%)
- Blue (96%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (84%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD1F5 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 2AD1F5 by changing the saturation by 10% instead.

■ 2AD1F5

■ 2AD1F5

FFFFFF

■ 00B5D8

■ 7CFFFF

■ 009ABD

■ 9DFFFF

■ 0080A2

■ BDFFFF

■ 006787

■ DDFFFF

■ 004E6E

■ FDFFFF

■ 003755

■ 00233E

■ 000328

■ 000112

■ 2AD1F5

■ 2AD1F5

■ 11CDF5

■ 42D5F5

■ 00CAF5

■ 5BDAF5

■ 74DEF5

■ 8CE2F5

■ A4E7F5

■ BDEBF5

■ D6EFF5

■ EE4F5

■ FFF8F5

Harmonies

Analogous

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



35D4D3



2AD1F5



6AC9FF

Triad

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



2AD1F5



FEA5D4



C5C476

Complementary

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



2AD1F5



F54E2A

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.



E9B877



2AD1F5



FFA3AD

Square

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



2AD1F5



DDAFF5



FFAB8B



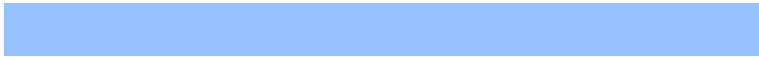
9BCE8A

Rectangle

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



2AD1F5



96C1FF



FFAB8B



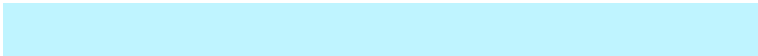
D2C074

Sweetspot

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



2AD1F5



BFF4FF



2AF54C



597980



000000



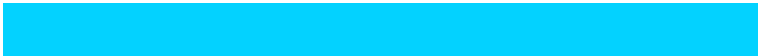
808080

Same Dimension

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



2AD1F5



03D2FF



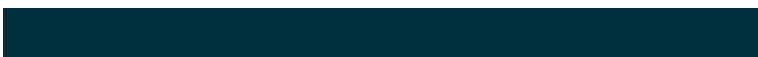
2A6EF5



6E787A



0099BA



00303B

Inverse Universe

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



F52AD1



FF03D2



F5B12A



7A6E78



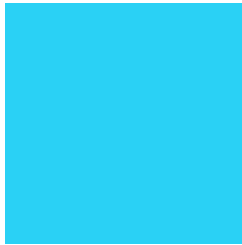
BA0099



3B0030

Previews

White Background



This preview shows how the Hex color 2AD1F5 looks on a white background.

Color Contrast Check

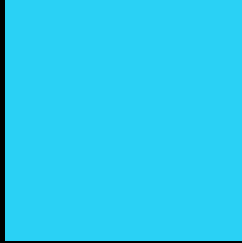
Large Text (above 18pt) WCAG AA × Fail

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 2AD1F5 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 2AD1F5 Background



This preview shows how black text looks on a background with the Hex color 2AD1F5.

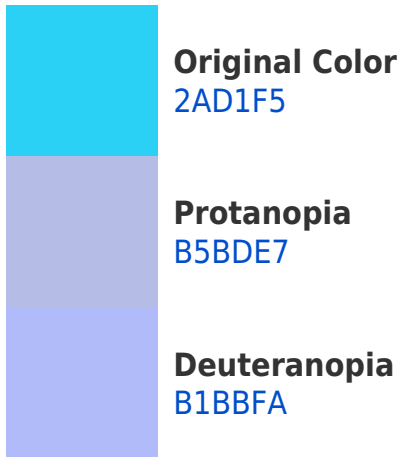


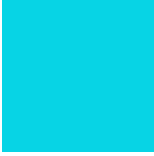
This preview shows how white text looks on a background with the Hex color 2AD1F5.

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](#).

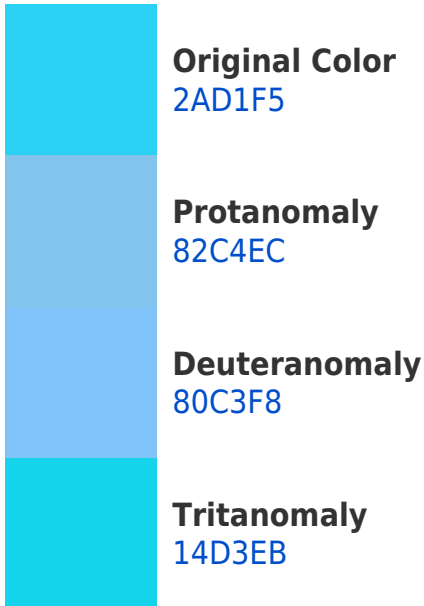
Dichromacy



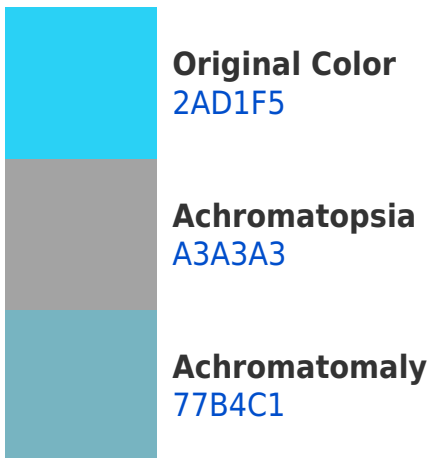


Tritanopia
07D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD1F5 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 #2AD1F5 looks like.

```
.text, #text, p{  
    color:#2AD1F5  
}
```

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 #2AD1F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD1F5
}
```

Border

The CSS property to change the border of an element to Hex 2AD1F5 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
#2AD1F5 }
```

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

```
.border{ border-color:#2AD1F5 }
```

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

Here you see how a box with a 4 pixel #2AD1F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD1F5; -webkit-box-shadow:4px 4px  
4px 4px #2AD1F5; box-shadow:4px 4px 4px  
4px #2AD1F5 }
```

Background

The CSS property to change the background color of an element to Hex 2AD1F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD1F5 }
```

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

```
.background{ background-color:#2AD1F5 }
```

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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