

Converting Colors

Hex(2ADDDD)

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

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Color

Hex(2ADDDD)

Conversions

Conversions Part 1

Format	Color
Hex	2ADDDD
RGB	42, 221, 221
RGB Percent	16%, 87%, 87%
CMY	0.8353, 0.1333, 0.1333
CMYK	0.81, 0.00, 0.00, 0.13
HSL	180°, 72%, 52%
HSV	180°, 81%, 87%
XYZ	39.8624, 57.4256, 77.3899
YIQ	167.4790, -106.6840, -37.9480

Conversions

Conversions Part 2

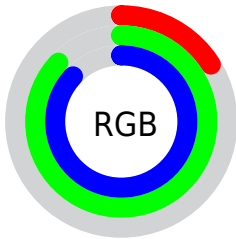
Format	Color
R _Y B	42, 132, 221
Decimal	2809309
CIE Lab	80.42, -41.33, -12.25
CIE LCh	80, 43.109, 196.506
Yxy	57.4256, 0.2282, 0.3288
Android (android.graphics.Color)	4280999389 (0xFF2ADDDD)
YUV	167.4790, 26.3859, -110.0451
Hunter-Lab	75.7797, -38.7180, -7.5041

Details

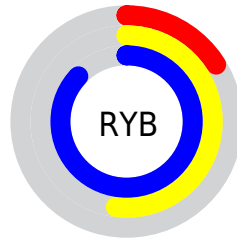
The Hex color **2ADDDD** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DD2A2A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7BFFFF**, and **00A5A6** is the 20% darker color. If you saturate the color by 10%, you get **14DDDD**, and if you desaturate by 10%, it is **40DDDD**.

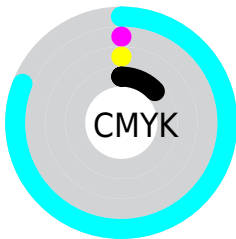
Distribution



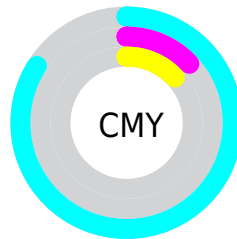
- Red (16%)
- Green (87%)
- Blue (87%)



- Red (16%)
- Yellow (52%)
- Blue (87%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 2ADDDD

 2ADDDD

FFFFFF

 00C1C1

 7BFFFF

 00A5A6

 9BFFFF

 008A8C

 BBFFFF

 007072

 DBFFFF

 00575A

 FAFFFF

 003F42

 00292C

 000419

 000000

■ 2ADDDD

■ 2ADDDD

■ 14DDDD

■ 40DDDD

■ 00DDDD

■ 56DDDD

■ 6CDDDD

■ 82DDDD

■ 99DDDD

■ AFDDDD

■ C5DDDD

■ DBDDDD

■ F1DDDD

Harmonies

Analogous

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



6ADCB3



2ADDDD



1BD9FF

Triad

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



2ADDDD



E8B5FF



F2BF79

Complementary

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



2ADDDD



DD2A2A

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.



FFB18F



2A99DD



FFAADB

Square

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



2ADDDD



B1C4FF



FFA9B3



CCCC79

Rectangle

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



2ADDDD



52D4FF



FFA9B3



FCBA7E

Sweetspot

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



2ADDDD



C2FFFF



2ADD2A



5B8080



000000



808080

Same Dimension

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



2ADDDD



08FFFF



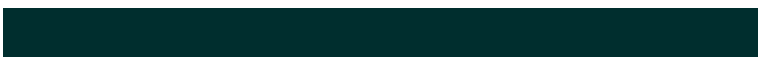
2A84DD



636E6E



00ADAD



002E2E

Inverse Universe

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



DD2ADD



FF08FF



DD842A



6E636E



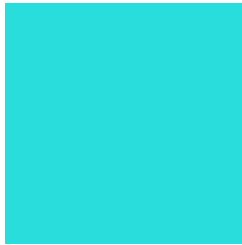
AD00AD



2E002E

Previews

White Background



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

Color Contrast Check

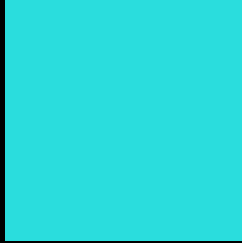
Large Text (above 18pt) WCAG AA × Fail

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 2ADDDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

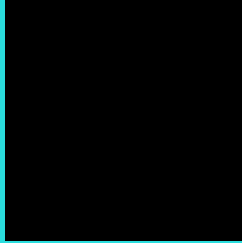
Any Text WCAG AA ✓ Pass

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 2ADDDD Background



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

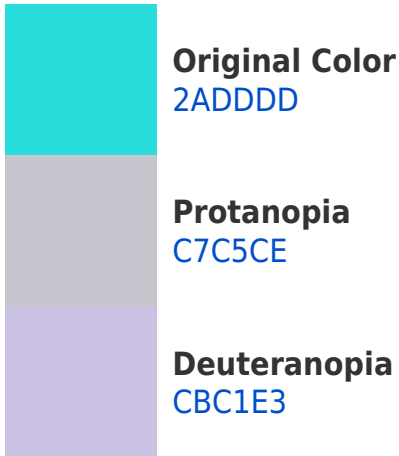


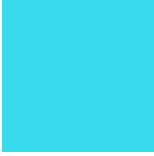
This preview shows how white text looks on a background with the Hex color 2ADDDD.

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
38DBEC

Trichromacy



Original Color
2ADDDD



Protanomaly
8ECED3



Deuteranomaly
90CBE1

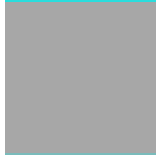


Tritanomaly
33DCE7

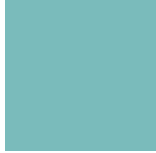
Monochromacy



Original Color
2ADDDD



Achromatopsia
A7A7A7



Achromatomaly
7ABBBB

CSS Examples

Text

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

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

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 #2ADDDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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