

Converting Colors

Hex(2ACCDF)

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

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Color

Hex(2ACCDF)

Conversions

Conversions Part 1

Format	Color
Hex	2ACCDF
RGB	42, 204, 223
RGB Percent	16%, 80%, 87%
CMY	0.8353, 0.2000, 0.1255
CMYK	0.81, 0.09, 0.00, 0.13
HSL	186°, 74%, 52%
HSV	186°, 81%, 87%
XYZ	35.8670, 49.0057, 77.3807
YIQ	157.7280, -102.6510, -28.4350

Conversions

Conversions Part 2

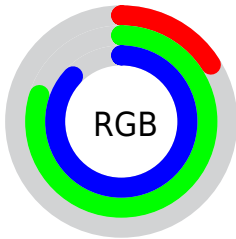
Format	Color
R _Y B	42, 127, 223
Decimal	2804959
CIE Lab	75.45, -32.88, -20.80
CIE LCh	75, 38.910, 212.312
Yxy	49.0057, 0.2211, 0.3020
Android (android.graphics.Color)	4280995039 (0xFF2ACCDF)
YUV	157.7280, 32.1791, -101.4935
Hunter-Lab	70.0041, -31.0516, -16.5348

Details

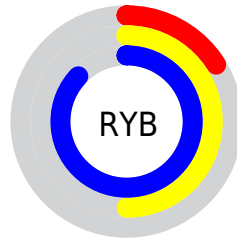
The Hex color **2ACCDF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF3D2A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **79FFFF**, and **0095A8** is the 20% darker color. If you saturate the color by 10%, you get **14CADF**, and if you desaturate by 10%, it is **40CEDF**.

Distribution



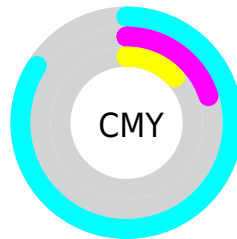
- Red (16%)
- Green (80%)
- Blue (87%)



- Red (16%)
- Yellow (50%)
- Blue (87%)



- Cyan (81%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 2ACCDF

 2ACCDF

FFFFFF

 00B0C3

 79FFFF

 0095A8

 99FFFF

 007B8D

 B8FFFF

 006274

 D8FFFF

 00495B

 F7FFFF

 003244

 001D2D

 000119

 000000

■ 2ACCDF

■ 2ACCDF

■ 14CADF

■ 40CEDF

■ 00C8DF

■ 57D1DF

■ 6DD3DF

■ 83D5DF

■ 9AD8DF

■ B0DADF

■ C6DCDF

■ DCFDFD

■ F3E1DF

Harmonies

Analogous

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



4FCDBC



2ACDF



4EC6F8

Triad

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



2ACCDF



EAA4DC



CFB972

Complementary

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



2ACCDF



DF3D2A

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.



EDAC7B



2ACCDF



FE9EB8

Square

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



2ACCDF



C2B0F7



FEA295



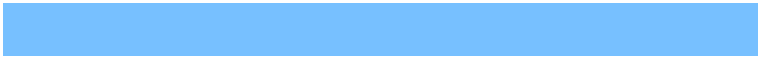
A9C37C

Rectangle

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



2ACCDF



77C0FF



FEA295



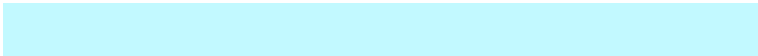
DAB573

Sweetspot

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



2ACCDF



C2F9FF



2ADF3C



5B7C80



000000



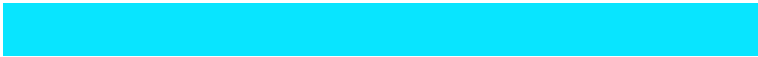
808080

Same Dimension

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



2ACCDF



08E5FF



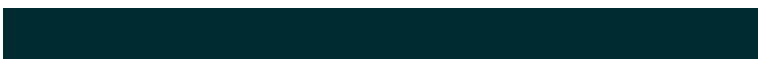
2A72DF



656F70



009DB0



002B30

Inverse Universe

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



DF2ACC



FF08E5



DF972A



70656F



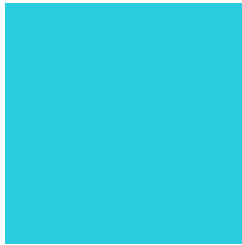
B0009D



30002B

Previews

White Background



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

Color Contrast Check

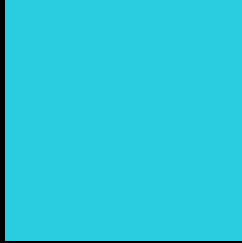
Large Text (above 18pt) WCAG AA × Fail

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 2ACCDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

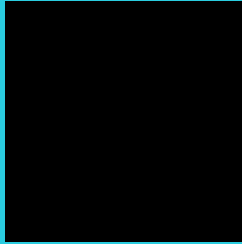
Any Text WCAG AA ✓ Pass

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 2ACCDF Background



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

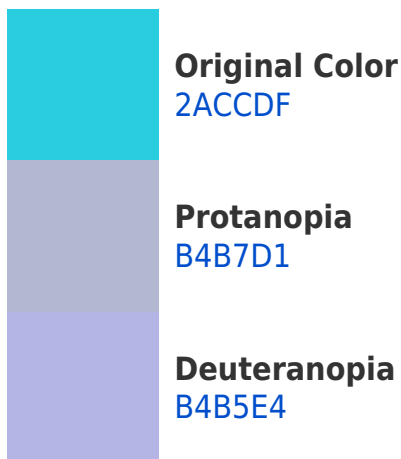


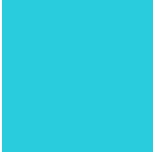
This preview shows how white text looks on a background with the Hex color 2ACCDF.

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



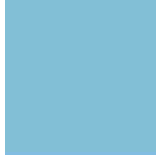


Tritanopia
28CCDD

Trichromacy



Original Color
2ACCDF



Protanomaly
82BFD6



Deuteranomaly
82BDE2



Tritanomaly
29CCDE

Monochromacy



Original Color
2ACCDF



Achromatopsia
9E9E9E



Achromatomaly
74AFB6

CSS Examples

Text

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

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

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 #2ACCDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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