

Converting Colors

Hex(2DDAEC)

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

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Color

Hex(2DDAEC)

Conversions

Conversions Part 1

Format	Color
Hex	2DDAEC
RGB	45, 218, 236
RGB Percent	18%, 85%, 93%
CMY	0.8235, 0.1451, 0.0745
CMYK	0.81, 0.08, 0.00, 0.07
HSL	186°, 83%, 55%
HSV	186°, 81%, 93%
XYZ	41.2939, 56.7568, 88.1356
YIQ	168.3250, -108.8860, -31.0780

Conversions

Conversions Part 2

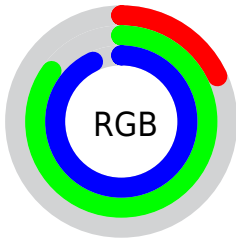
Format	Color
R_{YB}	45, 136, 236
Decimal	3005164
CIE _{Lab}	80.04, -35.29, -20.80
CIE _{LCh}	80, 40.960, 210.520
Yxy	56.7568, 0.2218, 0.3048
Android (android.graphics.Color)	4281195244 (0xFF2DDAEC)
YUV	168.3250, 33.3638, -108.1560
Hunter-Lab	75.3371, -34.0002, -16.6264

Details

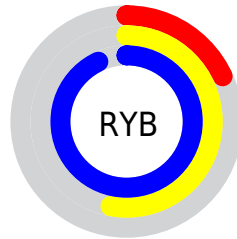
The Hex color **2DDAEC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EC3F2D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7DFFFF**, and **00A3B4** is the 20% darker color. If you saturate the color by 10%, you get **15D8EC**, and if you desaturate by 10%, it is **45DCEC**.

Distribution



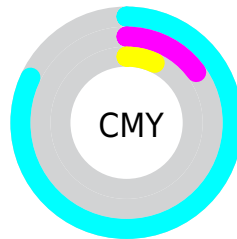
- Red (18%)
- Green (85%)
- Blue (93%)



- Red (18%)
- Yellow (53%)
- Blue (93%)



- Cyan (81%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 2DDAEC

 2DDAEC

FFFFFF

 00BED0

 7DFFFF

 00A3B4

 9EFFFF

 008899

 BEFFFF

 006E7F

 DEFFFF

 005566

 FDFFFF

 003D4E

 002837

 000222

 000009

■ 2DDAEC

■ 2DDAEC

■ 15D8EC

■ 45DCEC

■ 00D6EC

■ 5CDEEC

■ 74E1EC

■ 8BE3EC

■ A3E5EC

■ BBE7EC

■ D2EAEC

■ EAECEC

■ FFEEEC

Harmonies

Analogous

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



57DBC6



2DDAEC



50D4FF

Triad

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



2DDAEC



F7AFED



DFC479

Complementary

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



2DDAEC



EC3F2D

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.



FEB785



2DDAEC



FFA9C7

Square

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



2DDAEC



CCBCFF



FFACA2



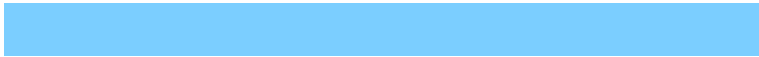
B7D083

Rectangle

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



2DDAEC



7BCEFF



FFACA2



EBC07B

Sweetspot

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



2DDAEC



C2F9FF



2DEC3D



5B7C80



000000



808080

Same Dimension

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



2DDAEC



08E8FF



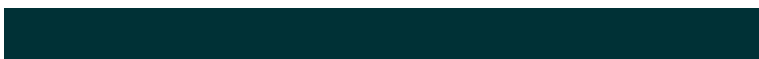
2D7DEC



6A7475



00A4B5



003136

Inverse Universe

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



EC2DDA



FF08E8



EC9C2D



756A74



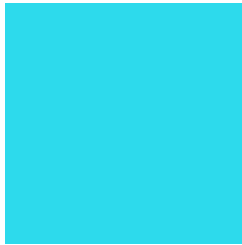
B500A4



360031

Previews

White Background



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

Color Contrast Check

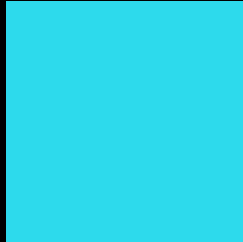
Large Text (above 18pt) WCAG AA × Fail

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 2DDAEC 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 2DDAEC Background



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

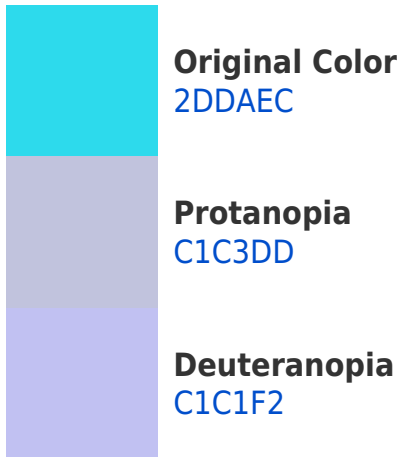


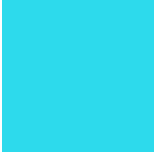
This preview shows how white text looks on a background with the Hex color 2DDAEC.

Color Blindness Simulation

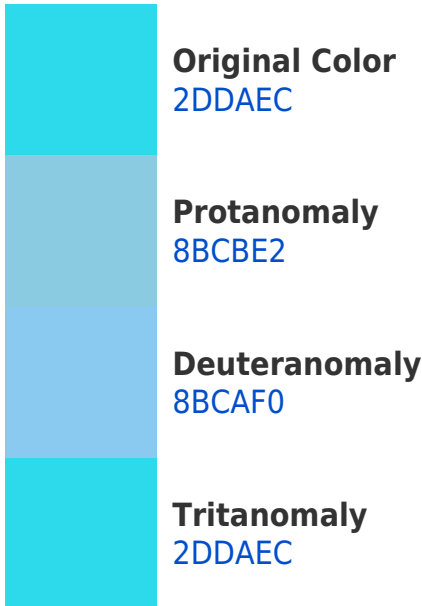
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

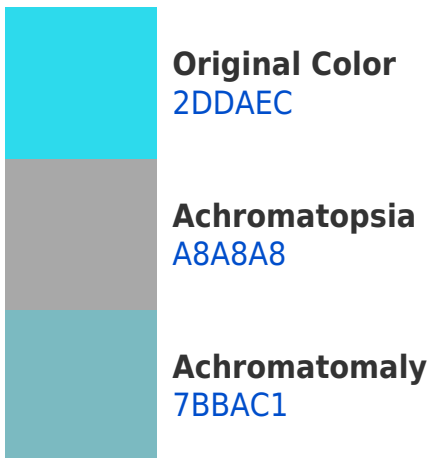




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #2DDAEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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