

Converting Colors

Hex(2DEAF1)

Have a look what the booklet for
Hex(2DEAF1) contains.

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Color

Hex(2DEAF1)

Conversions

Conversions Part 1

Format	Color
Hex	2DEAF1
RGB	45, 234, 241
RGB Percent	18%, 92%, 95%
CMY	0.8235, 0.0824, 0.0549
CMYK	0.81, 0.03, 0.00, 0.05
HSL	182°, 87%, 56%
HSV	182°, 81%, 95%
XYZ	46.3822, 65.7544, 93.4664
YIQ	178.2870, -114.8910, -37.8910

Conversions

Conversions Part 2

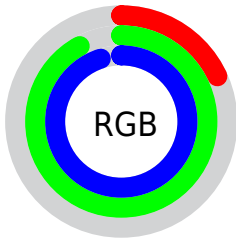
Format	Color
RYB	45, 141, 241
Decimal	3009265
CIELab	84.87, -41.14, -16.16
CIELCh	85, 44.201, 201.446
Yxy	65.7544, 0.2256, 0.3198
Android (android.graphics.Color)	4281199345 (0xFF2DEAF1)
YUV	178.2870, 30.9175, -116.8927
Hunter-Lab	81.0891, -39.8056, -11.5775

Details

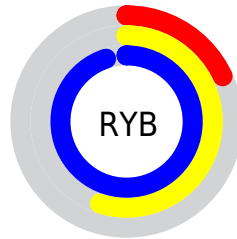
The Hex color **2DEAF1** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F1342D**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **80FFFF**, and **00B2B9** is the 20% darker color. If you saturate the color by 10%, you get **15E9F1**, and if you desaturate by 10%, it is **45EBF1**.

Distribution



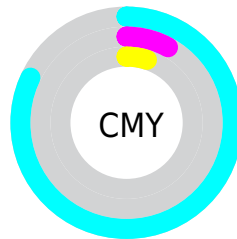
- Red (18%)
- Green (92%)
- Blue (95%)



- Red (18%)
- Yellow (55%)
- Blue (95%)



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DEAF1 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 2DEAF1 by changing the saturation by 10% instead.

 2DEAF1

 2DEAF1


FFFFFF

 00CDD5

 80FFFF

 00B2B9

 A1FFFF

 00969E

 C2FFFF

 007C84

 E2FFFF

 00626B

 004A53

 00323C

 001B26

 000111

 2DEAF1

 2DEAF1

 15E9F1

 45EBF1

 00E8F1

 5DECF1

 75EDF1

 8DEDF1

 A5EEF1

 BEEFF1

 D6F0F1

 EE1F1

 FFF2F1

Harmonies

Analogous

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



6AEAC6



2DEAF1



37E5FF

Triad

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



2DEAF1



FDBEFF



FACD81

Complementary

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



2DEAF1



F1342D

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.



FFBF94



2DEAF1



FFB5E2

Square

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



2DEAF1



C7CEFF



FFB5B7



D1DB85

Rectangle

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



2DEAF1



69DFFF



FFB5B7



FFC885

Sweetspot

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



2DEAF1



C2FDFD



2DF134



5B7E80



000000



808080

Same Dimension

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



2DEAF1



05F6FF



2D88F1



6C7778



00B1B8



003638

Inverse Universe

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



F12DEA



FF05F6



F1962D



786C77



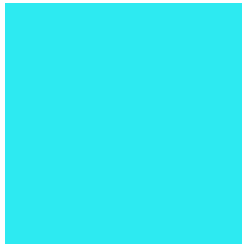
B800B1



380036

Previews

White Background



This preview shows how the Hex color 2DEAF1 looks on a white background.

Color Contrast Check

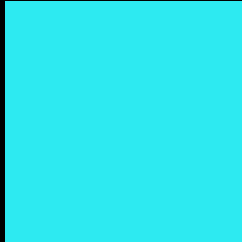
Large Text (above 18pt) WCAG AA × Fail

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 2DEAF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

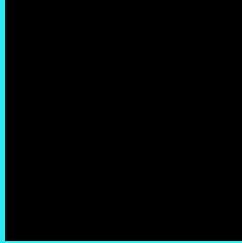
Any Text WCAG AA ✓ Pass

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 2DEAF1 Background



This preview shows how black text looks on a background with the Hex color 2DEAF1.

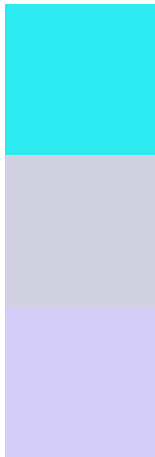


This preview shows how white text looks on a background with the Hex color 2DEAF1.

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](#).

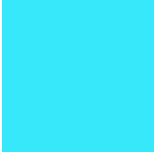
Dichromacy



Original Color
2DEAF1

Protanopia
D1D1E1

Deuteranopia
D4CDF7

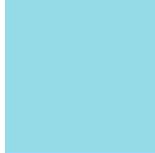


Tritanopia
37E8FB

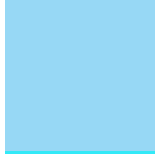
Trichromacy



Original Color
2DEAF1



Protanomaly
95DAE7



Deuteranomaly
97D8F5

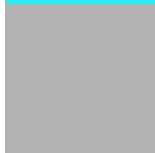


Tritanomaly
33E9F7

Monochromacy



Original Color
2DEAF1



Achromatopsia
B2B2B2



Achromatomaly
82C6C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DEAF1 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 #2DEAF1 looks like.

```
.text, #text, p{  
    color:#2DEAF1  
}
```

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 #2DEAF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DEAF1
}
```

Border

The CSS property to change the border of an element to Hex 2DEAF1 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
#2DEAF1 }
```

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

```
.border{ border-color:#2DEAF1 }
```

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

Here you see how a box with a 4 pixel #2DEAF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DEAF1; -webkit-box-shadow:4px 4px  
4px 4px #2DEAF1; box-shadow:4px 4px 4px  
4px #2DEAF1 }
```

Background

The CSS property to change the background color of an element to Hex 2DEAF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DEAF1 }
```

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

```
.background{ background-color:#2DEAF1 }
```

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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