

Converting Colors

Hex(2DE8ED)

Have a look what the booklet for
Hex(2DE8ED) contains.

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Color

Hex(2DE8ED)

Conversions

Conversions Part 1

Format	Color
Hex	2DE8ED
RGB	45, 232, 237
RGB Percent	18%, 91%, 93%
CMY	0.8235, 0.0902, 0.0706
CMYK	0.81, 0.02, 0.00, 0.07
HSL	182°, 84%, 55%
HSV	182°, 81%, 93%
XYZ	45.2249, 64.3855, 90.1648
YIQ	176.6570, -113.0570, -38.0890

Conversions

Conversions Part 2

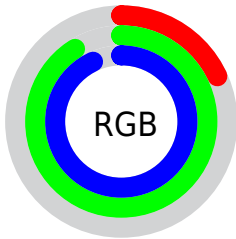
Format	Color
RYB	45, 140, 237
Decimal	3008749
CIELab	84.17, -41.40, -15.11
CIELCh	84, 44.076, 200.051
Yxy	64.3855, 0.2264, 0.3223
Android (android.graphics.Color)	4281198829 (0xFF2DE8ED)
YUV	176.6570, 29.7491, -115.4632
Hunter-Lab	80.2406, -39.8156, -10.4546

Details

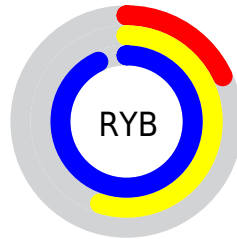
The Hex color **2DE8ED** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **ED322D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00B0B5** is the 20% darker color. If you saturate the color by 10%, you get **15E7ED**, and if you desaturate by 10%, it is **45E9ED**.

Distribution



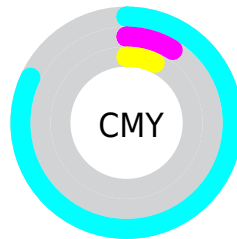
- Red (18%)
- Green (91%)
- Blue (93%)



- Red (18%)
- Yellow (55%)
- Blue (93%)



- Cyan (81%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DE8ED 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 2DE8ED by changing the saturation by 10% instead.

 2DE8ED

 2DE8ED


FFFFFF

 00CBD1

 7FFFFFFF

 00B0B5

 A0FFFF

 00949A

 C1FFFF

 007A80

 E0FFFF

 006167

 00484F

 003038

 001823

 00000C

 2DE8ED

 2DE8ED

 15E7ED

 45E9ED

 00E7ED

 5CE9ED

 74EAED

 8CEAED

 A3EBED

 BBECED

 D3ECED

 EBEDED

 FFEEED

Harmonies

Analogous

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



6BE7C2



2DE8ED



31E4FF

Triad

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



2DE8ED



F9BDFE



FACB80

Complementary

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



2DE8ED



ED322D

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.



FFBC94



2DE8ED



FFB3E2

Square

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



2DE8ED



C3CCFF



FFB3B8



D1D882

Rectangle

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



2DE8ED



64DEFF



FFB3B8



FFC684

Sweetspot

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



2DE8ED



C2FDFD



2DED30



5B7F80



000000



808080

Same Dimension

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



2DE8ED



08F9FF



2D8AED



6A7575



00B0B5



003436

Inverse Universe

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



ED2DE8



FF08F9



ED902D



756A75



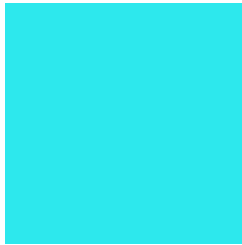
B500B0



360034

Previews

White Background



This preview shows how the Hex color 2DE8ED looks on a white background.

Color Contrast Check

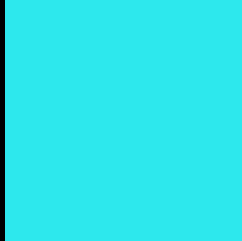
Large Text (above 18pt) WCAG AA × Fail

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 2DE8ED 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 2DE8ED Background



This preview shows how black text looks on a background with the Hex color 2DE8ED.

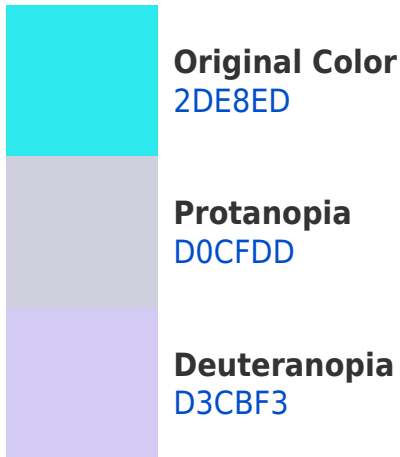


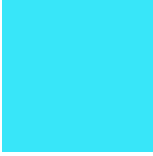
This preview shows how white text looks on a background with the Hex color 2DE8ED.

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
38E6F9

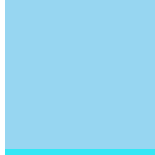
Trichromacy



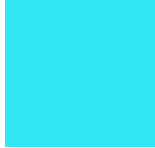
Original Color
2DE8ED



Protanomaly
95D8E3



Deuteranomaly
97D6F1

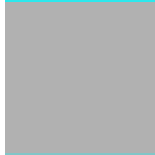


Tritanomaly
34E7F5

Monochromacy



Original Color
2DE8ED



Achromatopsia
B1B1B1



Achromatomaly
81C5C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DE8ED 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 #2DE8ED looks like.

```
.text, #text, p{  
    color:#2DE8ED  
}
```

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 #2DE8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DE8ED
}
```

Border

The CSS property to change the border of an element to Hex 2DE8ED 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
#2DE8ED }
```

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

```
.border{ border-color:#2DE8ED }
```

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

Here you see how a box with a 4 pixel #2DE8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DE8ED; -webkit-box-shadow:4px 4px  
4px 4px #2DE8ED; box-shadow:4px 4px 4px  
4px #2DE8ED }
```

Background

The CSS property to change the background color of an element to Hex 2DE8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DE8ED }
```

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

```
.background{ background-color:#2DE8ED }
```

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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