

Converting Colors

Hex(2EE4E8)

Have a look what the booklet for
Hex(2EE4E8) contains.

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Color

Hex(2EE4E8)

Conversions

Conversions Part 1

Format	Color
Hex	2EE4E8
RGB	46, 228, 232
RGB Percent	18%, 89%, 91%
CMY	0.8196, 0.1059, 0.0902
CMYK	0.80, 0.02, 0.00, 0.09
HSL	181°, 80%, 55%
HSV	181°, 80%, 91%
XYZ	43.4356, 61.8938, 86.0013
YIQ	174.0380, -109.7560, -37.3400

Conversions

Conversions Part 2

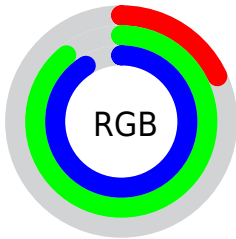
Format	Color
RYB	46, 138, 232
Decimal	3073256
CIELab	82.86, -40.98, -14.43
CIELCh	83, 43.446, 199.401
Yxy	61.8938, 0.2270, 0.3235
Android (android.graphics.Color)	4281263336 (0xFF2EE4E8)
YUV	174.0380, 28.5753, -112.2893
Hunter-Lab	78.6726, -39.1263, -9.7423

Details

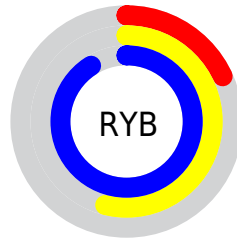
The Hex color **2EE4E8** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E8322E**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **7EFFFF**, and **00ACB0** is the 20% darker color. If you saturate the color by 10%, you get **17E4E8**, and if you desaturate by 10%, it is **45E4E8**.

Distribution



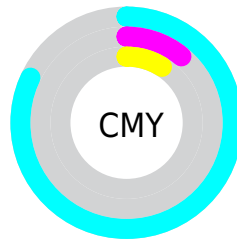
- Red (18%)
- Green (89%)
- Blue (91%)



- Red (18%)
- Yellow (54%)
- Blue (91%)



- Cyan (80%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE4E8 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 2EE4E8 by changing the saturation by 10% instead.

 2EE4E8

 2EE4E8


FFFFFF

 00C8CC

 7EFFFF

 00ACB0

 9FFFFFF

 009196

 BFFFFFF

 00777C

 DFFFFFF

 005D63

 00444B

 002E35

 001320

 000005

 2EE4E8

 2EE4E8

 17E4E8

 45E4E8

 00E3E8

 5CE5E8

 74E5E8

 8BE6E8

 A2E6E8

 B9E7E8

 D0E7E8

 E8E8E8

 FFE8E8

Harmonies

Analogous

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



6BE3BE



2EE4E8



2FE0FF

Triad

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



2EE4E8



F3BAFF



F6C77E

Complementary

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



2EE4E8



E8322E

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.



FFB992



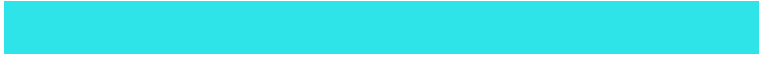
2EE4E8



FFB0DF

Square

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



2EE4E8



BEC9FF



FFB0B5



CED480

Rectangle

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



2EE4E8



61DAFF



FFB0B5



FFC282

Sweetspot

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



2EE4E8



C2FEFF



2EE831



5B7F80



000000



808080

Same Dimension

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



2EE4E8



0AFAFF



2E88E8



677373



00AFB3



003233

Inverse Universe

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



E82EE4



FF0AFA



E88E2E



736773



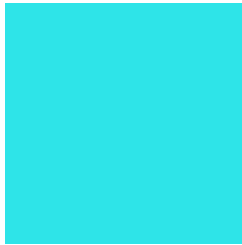
B300AF



330032

Previews

White Background



This preview shows how the Hex color 2EE4E8 looks on a white background.

Color Contrast Check

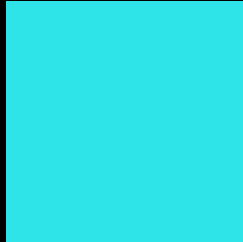
Large Text (above 18pt) WCAG AA × Fail

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 2EE4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

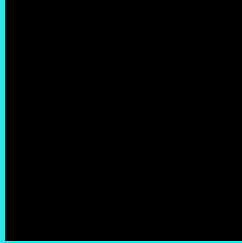
Any Text WCAG AA ✓ Pass

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 2EE4E8 Background



This preview shows how black text looks on a background with the Hex color 2EE4E8.

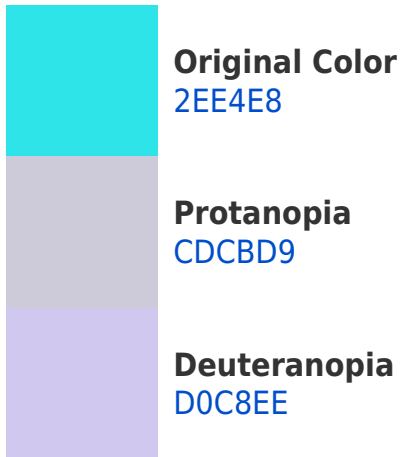


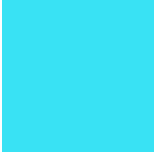
This preview shows how white text looks on a background with the Hex color 2EE4E8.

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



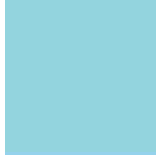


Tritanopia
39E2F4

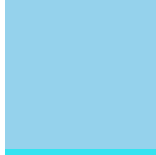
Trichromacy



Original Color
2EE4E8



Protanomaly
93D4DE



Deuteranomaly
95D2EC

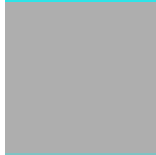


Tritanomaly
35E3F0

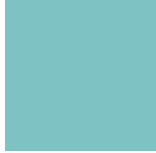
Monochromacy



Original Color
2EE4E8



Achromatopsia
AEAEAE



Achromatomaly
7FC2C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE4E8 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 #2EE4E8 looks like.

```
.text, #text, p{  
    color:#2EE4E8  
}
```

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 #2EE4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE4E8
}
```

Border

The CSS property to change the border of an element to Hex 2EE4E8 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
#2EE4E8 }
```

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

```
.border{ border-color:#2EE4E8 }
```

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

Here you see how a box with a 4 pixel #2EE4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE4E8; -webkit-box-shadow:4px 4px  
4px 4px #2EE4E8; box-shadow:4px 4px 4px  
4px #2EE4E8 }
```

Background

The CSS property to change the background color of an element to Hex 2EE4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE4E8 }
```

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

```
.background{ background-color:#2EE4E8 }
```

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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