

# Converting Colors

Hex(2BEAEA)

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

<b>Hex(2BEAEA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(2BEAEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BEAEA
RGB	43, 234, 234
RGB Percent	17%, 92%, 92%
CMY	0.8314, 0.0824, 0.0824
CMYK	0.82, 0.00, 0.00, 0.08
HSL	180°, 82%, 54%
HSV	180°, 82%, 92%
XYZ	45.2704, 65.2997, 88.0600
YIQ	176.8910, -113.8360, -40.4920

# Conversions

## Conversions Part 2

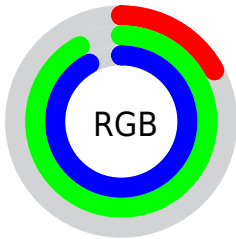
Format	Color
<a href="#">RYB</a>	<a href="#">43, 139, 234</a>
Decimal	<a href="#">2878186</a>
CIELab	<a href="#">84.64, -43.31, -12.82</a>
CIELCh	<a href="#">85, 45.167, 196.496</a>
Yxy	<a href="#">65.2997, 0.2279, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4281068266 (0xFF2BEAEA)</a>
YUV	<a href="#">176.8910, 28.1547, -117.4224</a>
Hunter-Lab	<a href="#">80.8083, -41.4153, -8.0449</a>

# Details

The Hex color **2BEAEA** 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 **EA2B2B**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7EFFFF**, and **00B1B2** is the 20% darker color. If you saturate the color by 10%, you get **14EAEA**, and if you desaturate by 10%, it is **42EAEA**.

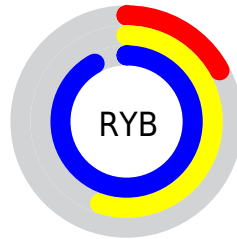
# Distribution



Red (17%)

Green (92%)

Blue (92%)



Red (17%)

Yellow (55%)

Blue (92%)

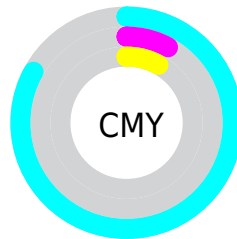


Cyan (82%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (83%)

Magenta (8%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 2BEAEA

FFFFFF

 7EFFFF

 A0FFFF

 C0FFFF

 E0FFFF

 2BEAEA

 00CDCE

 00B1B2

 009698

 007C7E

 006265

 00494D

 003236

 001A21

 000009

 2BEAEA

 2BEAEA

 14EAEA

 42EAEA

 00EAEA

 5AEAEA

 71EAEA

 89EAEA

 A0EAEA

 B7EAEA

 CFEAEA

 E6EAEA

 FEEAEA

# Harmonies

## Analogous

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



70E9BE



2BEAEA



19E6FF

# Triad

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



2BEAEA



F5C0FF



FFCA80

# Complementary

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



2BEAEA



EA2B2B

# 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.



FFBC97



2BEAEA



FFB4E8

# Square

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



2BEAEA



BBCFFF



FFB3BD



D8D880

# Rectangle

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



2BEAEA



56E1FF



FFB3BD



FFC586



# Sweetspot

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



2BEAEA



C2FFFF



2BEA2B



5B8080



000000



808080



# Same Dimension

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



2BEAEA



05FFFF



2B8BEA



6A7575



00B5B5



003636



# Inverse Universe

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



EA2BEA



FF05FF



EA8B2B



756A75



B500B5

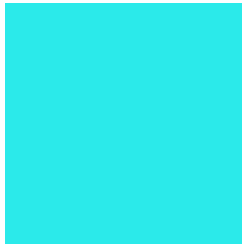


360036



# Previews

## White Background



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

## Color Contrast Check

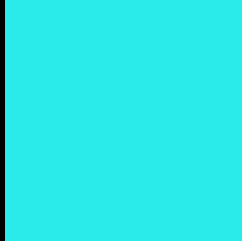
Large Text (above 18pt) WCAG AA × Fail

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 2BEAEA 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 2BEAEA Background



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

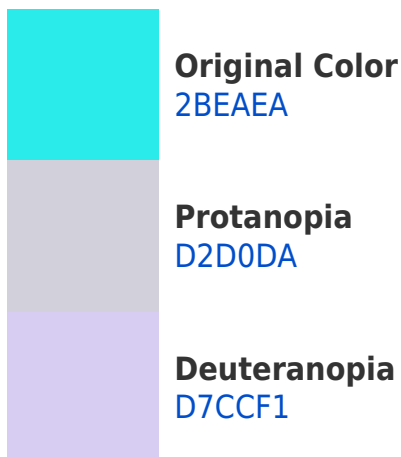


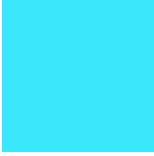
This preview shows how white text looks on a background with the Hex color 2BEAEA.

# 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**  
3BE7FA

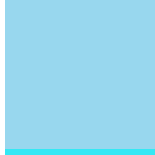
# Trichromacy



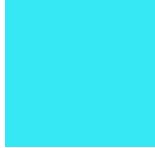
**Original Color**  
2BEAEA



**Protanomaly**  
95D9E0



**Deuteranomaly**  
98D7EE

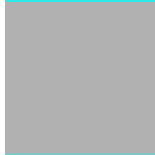


**Tritanomaly**  
35E8F4

# Monochromacy



**Original Color**  
2BEAEA



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
80C6C6

# CSS Examples

## Text

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

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

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 #2BEAEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor