

# Converting Colors

Hex(26E3E3)

Have a look what the booklet for  
Hex(26E3E3) contains.

<b>Hex(26E3E3)</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(26E3E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26E3E3
RGB	38, 227, 227
RGB Percent	15%, 89%, 89%
CMY	0.8510, 0.1098, 0.1098
CMYK	0.83, 0.00, 0.00, 0.11
HSL	180°, 77%, 52%
HSV	180°, 83%, 89%
XYZ	42.1335, 60.8963, 82.2065
YIQ	170.4890, -112.6440, -40.0680

# Conversions

## Conversions Part 2

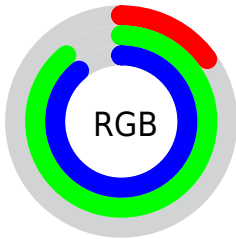
Format	Color
R <sub>YB</sub>	38, 133, 227
Decimal	2548707
CIE Lab	82.32, -42.56, -12.59
CIE LCh	82, 44.388, 196.481
Yxy	60.8963, 0.2275, 0.3287
Android (android.graphics.Color)	4280738787 (0xFF26E3E3)
YUV	170.4890, 27.8599, -116.1929
Hunter-Lab	78.0361, -40.1867, -7.8334

# Details

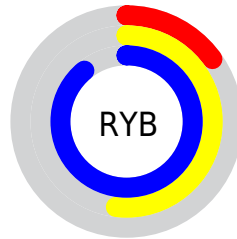
The Hex color **26E3E3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E32626**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7AFFFF**, and **00ABAC** is the 20% darker color. If you saturate the color by 10%, you get **0FE3E3**, and if you desaturate by 10%, it is **3DE3E3**.

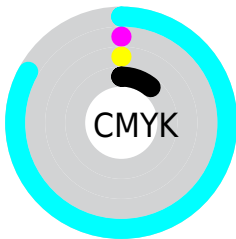
# Distribution



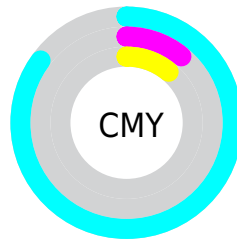
- Red (15%)
- Green (89%)
- Blue (89%)



- Red (15%)
- Yellow (52%)
- Blue (89%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (85%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26E3E3 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 26E3E3 by changing the saturation by 10% instead.



■ 26E3E3

■ 26E3E3

FFFFFF

■ 00C7C7

■ 7AFFFF

■ 00ABAC

■ 9CFFFF

■ 009091

■ BCFFFF

■ 007578

■ DCFFFF

■ 005C5F

■ FBFFFF

■ 004347

■ 002D31

■ 00101C

■ 000000

■ 26E3E3

■ 26E3E3

■ 0FE3E3

■ 3DE3E3

■ 00E3E3

■ 53E3E3

■ 6AE3E3

■ 81E3E3

■ 98E3E3

■ AEE3E3

■ C5E3E3

■ DCE3E3

■ F2E3E3

# Harmonies

## Analogous

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



6CE2B8



26E3E3



10DFFF

# Triad

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



26E3E3



EEBAFF



F9C47C

# Complementary

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



26E3E3



E32626

# 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.



FFB692



26E3E3



FFAEE1

# Square

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



26E3E3



B5C9FF



FFADB7



D1D27B

# Rectangle

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



26E3E3



52DAFF



FFADB7



FFBF81



# Sweetspot

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



26E3E3



BFFFFFF



26E326



598080



000000



808080



# Same Dimension

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



26E3E3



00FFFF



2684E3



677373



00B3B3



003333



# Inverse Universe

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



E326E3



FF00FF



E38426



736773



B300B3

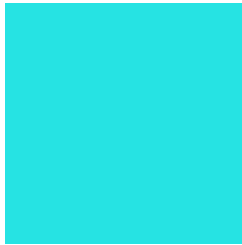


330033



# Previews

## White Background



This preview shows how the Hex color 26E3E3 looks on a white background.

## Color Contrast Check

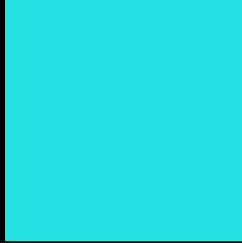
Large Text (above 18pt) WCAG AA × Fail

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 26E3E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

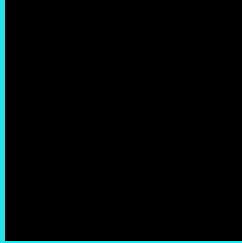
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26E3E3 Background



This preview shows how black text looks on a background with the Hex color 26E3E3.

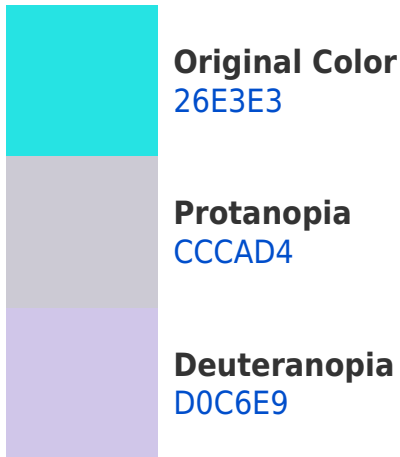


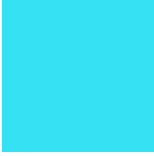
This preview shows how white text looks on a background with the Hex color 26E3E3.

# 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](#).

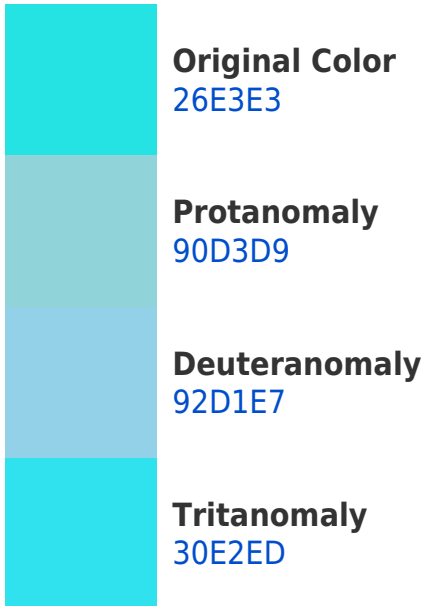
## Dichromacy



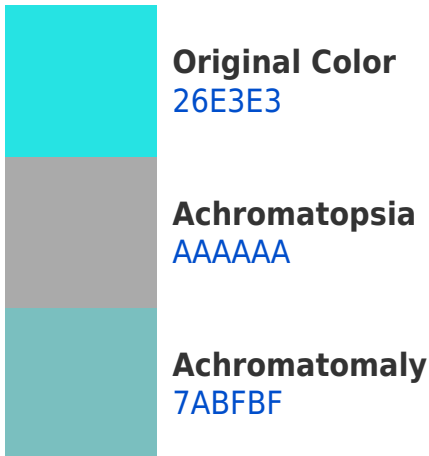


**Tritanopia**  
36E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26E3E3 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 #26E3E3 looks like.

```
.text, #text, p{  
    color:#26E3E3  
}
```

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 #26E3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26E3E3
}
```

## Border

The CSS property to change the border of an element to Hex 26E3E3 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
#26E3E3 }
```

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

```
.border{ border-color:#26E3E3 }
```

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

Here you see how a box with a 4 pixel #26E3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26E3E3; -webkit-box-shadow:4px 4px  
4px 4px #26E3E3; box-shadow:4px 4px 4px  
4px #26E3E3 }
```

# Background

The CSS property to change the background color of an element to Hex 26E3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26E3E3 }
```

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

```
.background{ background-color:#26E3E3 }
```

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