

# Converting Colors

Hex(26CECC)

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

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

# **Color**

**Hex(26CECC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26CECC
RGB	38, 206, 204
RGB Percent	15%, 81%, 80%
CMY	0.8510, 0.1922, 0.2000
CMYK	0.82, 0.00, 0.01, 0.19
HSL	179°, 69%, 48%
HSV	179°, 82%, 81%
XYZ	33.7697, 48.9143, 64.7883
YIQ	155.5400, -99.4860, -36.2380

# Conversions

## Conversions Part 2

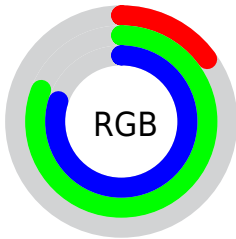
Format	Color
<b>RYB</b>	38, 123, 206
Decimal	2543308
CIELab	75.40, -39.82, -10.64
CIELCh	75, 41.220, 194.954
Yxy	48.9143, 0.2290, 0.3317
Android (android.graphics.Color)	4280733388 (0xFF26CECC)
YUV	155.5400, 23.8908, -103.0826
Hunter-Lab	69.9388, -36.2047, -5.9666

# Details

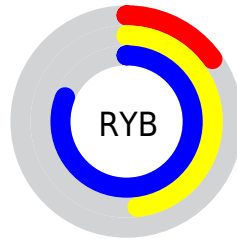
The Hex color **26CECC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CE2628**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **75FFFF**, and **009796** is the 20% darker color. If you saturate the color by 10%, you get **11CECC**, and if you desaturate by 10%, it is **3BCECC**.

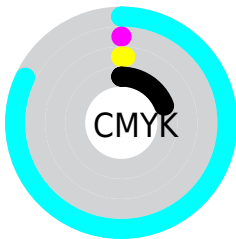
# Distribution



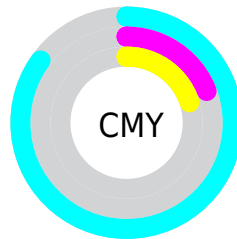
- Red (15%)
- Green (81%)
- Blue (80%)



- Red (15%)
- Yellow (48%)
- Blue (81%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (85%)
- Magenta (19%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 26CECC

 26CECC

FFFFFF

 00B2B1

 75FFFF

 009796

 95FFFF

 007D7C

 B4FFFF

 006363

 D3FFFF

 004A4B

 F2FFFF

 003235

 001C20

 000007

 000000

■ 26CECC

■ 26CECC

■ 11CECC

■ 3BCECC

■ 00CECC

■ 4FCECC

■ 64CECD

■ 78CECD

■ 8DCECD

■ A2CECD

■ B6CECE

■ CBCECE

■ DFCECE

# Harmonies

## Analogous

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



64CDA5



26CECC



08CBEE

# Triad

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



26CECC



D6A9F0



E3B170

# Complementary

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



26CECC



CE2628

# 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.



FCA486



26CECC



F89ECE

# Square

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



26CECC



A1B7FF



FF9CA8



C0BD6F

# Rectangle

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



26CECC



46C6FE



FF9CA8



EDAC76

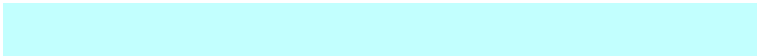


# Sweetspot

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



26CECC



C2FFFE



29CE26



5B807F



000000



808080



# Same Dimension

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



26CECC



05FFFC



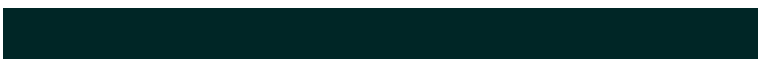
267DCE



5C6666



00A6A4



002626



# Inverse Universe

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



CE2628



FF0508



CE7726



665C5C



A60002

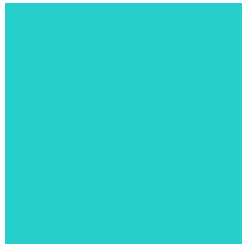


260000



# Previews

## White Background



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

## Color Contrast Check

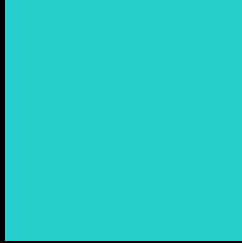
Large Text (above 18pt) WCAG AA × Fail

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 26CECC 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

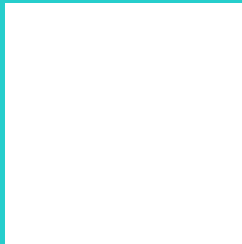
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26CECC Background



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



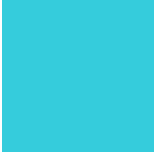
This preview shows how white text looks on a background with the Hex color 26CECC.

# Color Blindness Simulation

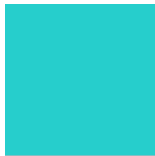
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



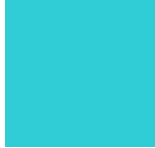
**Original Color**  
26CECC



**Protanomaly**  
84BFC3



**Deuteranomaly**  
87BDD0

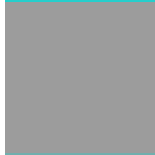


**Tritanomaly**  
30CDD6

# Monochromacy



**Original Color**  
26CECC



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
71AEAD

# CSS Examples

## Text

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

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

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 #26CECC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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