

# Converting Colors

Hex(26BEBA)

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

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**Color**

**Hex(26BEBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26BEBA
RGB	38, 190, 186
RGB Percent	15%, 75%, 73%
CMY	0.8510, 0.2549, 0.2706
CMYK	0.80, 0.00, 0.02, 0.25
HSL	178°, 67%, 45%
HSV	178°, 80%, 75%
XYZ	28.0757, 40.7842, 52.8468
YIQ	144.0960, -89.3080, -33.4680

# Conversions

## Conversions Part 2

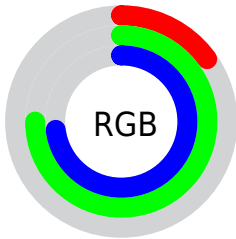
Format	Color
R <sub>Y</sub> B	38, 115, 190
Decimal	2539194
CIE Lab	70.02, -37.80, -8.86
CIE LCh	70, 38.826, 193.186
Yxy	40.7842, 0.2307, 0.3351
Android (android.graphics.Color)	4280729274 (0xFF26BEBA)
YUV	144.0960, 20.6587, -93.0462
Hunter-Lab	63.8625, -33.2858, -4.3593

# Details

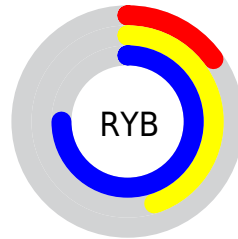
The Hex color **26BEBA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE262A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **71F7F2**, and **008885** is the 20% darker color. If you saturate the color by 10%, you get **13BEBA**, and if you desaturate by 10%, it is **39BEBB**.

# Distribution



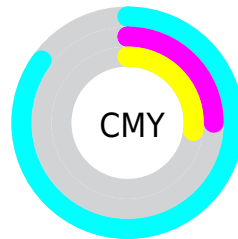
- Red (15%)
- Green (75%)
- Blue (73%)



- Red (15%)
- Yellow (45%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (85%)
- Magenta (25%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 26BEBA

 26BEBA

FFFFFF

 00A39F

 71F7F2

 008885

 90FFFF

 006E6C

 AEFFFF

 005554

 CDFFFF

 003D3D

 EBFFFF

 002827

 000113

 000000

 26BEBA

 26BEBA

■ 13BEBA

■ 39BEBB

■ 00BEB9

■ 4CBEBB

■ 5FBEBE

■ 72BEBE

■ 85BEBD

■ 98BEBD

■ ABBEBE

■ BEBEBE

■ D1BEBE

# Harmonies

## Analogous

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



5FBD96



26BEBA



00BBDA

# Triad

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



26BEBA



C39CDF



D3A268

# Complementary

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



26BEBA



BE262A

# 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.



E9967D



26BEBA



E392C0

# Square

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



26BEBA



91A9F0



F0909D



B3AE65

# Rectangle

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



26BEBA



3BB7E9



F0909D



DC9E6D



# Sweetspot

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



26BEBA



BCF7F6



2BBE26



597D7C



FCFCFC



7D7D7D



# Same Dimension

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



26BEBA



0AF7F1



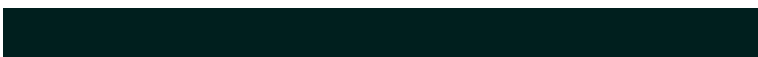
2677BE



555E5E



009E9A



001F1E



# Inverse Universe

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



BE262A



F70A10



BE6D26



5E5555



9E0004

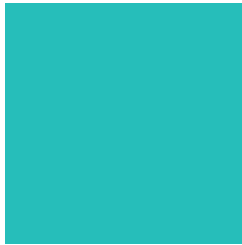


1F0001



# Previews

## White Background



This preview shows how the Hex color 26BEBA 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 26BEBA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

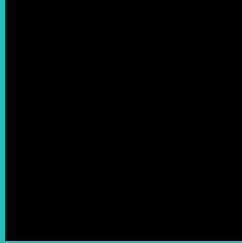
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

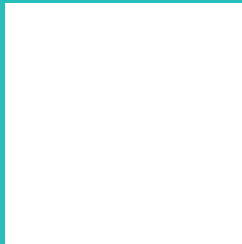
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26BEBA Background



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

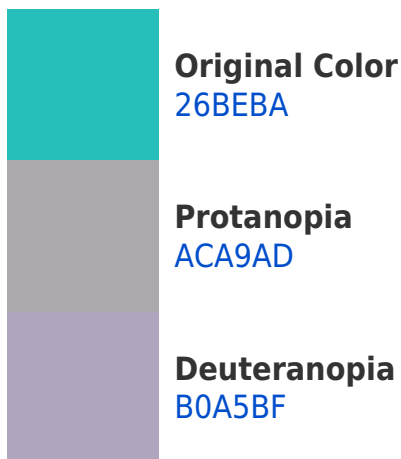


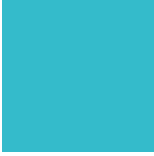
This preview shows how white text looks on a background with the Hex color 26BEBA.

# 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**  
34BBCB

# Trichromacy



**Original Color**  
26BEBA



**Protanomaly**  
7BB1B2



**Deuteranomaly**  
7EAEBD



**Tritanomaly**  
2FBCC5

# Monochromacy



**Original Color**  
26BEBA



**Achromatopsia**  
909090



**Achromatomaly**  
69A19F

# CSS Examples

## Text

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

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

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 #26BEBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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