

# Converting Colors

Hex(26ABB7)

Have a look what the booklet for  
Hex(26ABB7) contains.

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**Color**

**Hex(26ABB7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 26ABB7                       |
| RGB         | 38, 171, 183                 |
| RGB Percent | 15%, 67%, 72%                |
| CMY         | 0.8510, 0.3294, 0.2824       |
| CMYK        | 0.79, 0.07, 0.00, 0.28       |
| HSL         | 185°, 66%, 43%               |
| HSV         | 185°, 79%, 72%               |
| XYZ         | 23.9095, 32.9568, 49.9009    |
| YIQ         | 132.6010, -83.1200, -24.4640 |

# Conversions

## Conversions Part 2

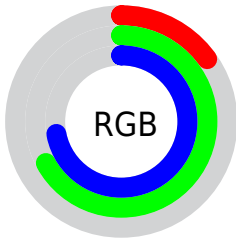
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">38, 107, 183</a>                                 |
| Decimal                             | <a href="#">2534327</a>                                      |
| CIELab                              | <a href="#">64.13, -29.74, -16.05</a>                        |
| CIElCh                              | <a href="#">64, 33.793, 208.356</a>                          |
| Yxy                                 | <a href="#">32.9568, 0.2239, 0.3087</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4280724407</a><br>( <a href="#">0xFF26ABB7</a> ) |
| YUV                                 | <a href="#">132.6010, 24.8467, -82.9651</a>                  |
| Hunter-Lab                          | <a href="#">57.4080, -26.1217, -11.3512</a>                  |

# Details

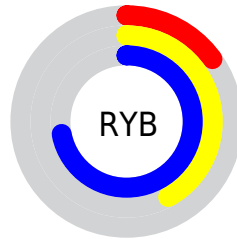
The Hex color **26ABB7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B73226**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6EE3EF**, and **007682** is the 20% darker color. If you saturate the color by 10%, you get **14A9B7**, and if you desaturate by 10%, it is **38ADB7**.

# Distribution



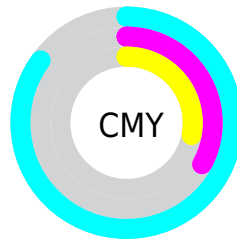
- Red (15%)
- Green (67%)
- Blue (72%)



- Red (15%)
- Yellow (42%)
- Blue (72%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (33%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26ABB7 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 26ABB7 by changing the saturation by 10% instead.



 26ABB7

 26ABB7

FFFFFF

 00909C

 6EE3EF

 007682

 8CFFFF

 005D69

 AAFFFF

 004551

 C8FFFF

 002E3A

 E7FFFF

 001824

 00010E

 000000

 26ABB7

 26ABB7

■ 14A9B7

■ 38ADB7

■ 01A8B7

■ 4BAEB7

■ 00A8B7

■ 5DB0B7

■ 6FB1B7

■ 82B3B7

■ 94B4B7

■ A6B6B7

■ B8B7B7

■ CBB9B7

# Harmonies

## Analogous

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



47AC99



26ABB7



3BA7CE

# Triad

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



26ABB7



C08ABB



B1995F

# Complementary

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



26ABB7



B73226

# 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.



C98F69



26ABB7



D3849E

# Square

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



26ABB7



9D94D0



D68680



92A265

# Rectangle

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



26ABB7



5DA2D6



D68680



BA9660



# Sweetspot

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



26ABB7



B4E8ED



26B730



557578



F7F7F7



787878



# Same Dimension

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



26ABB7



0CDBED



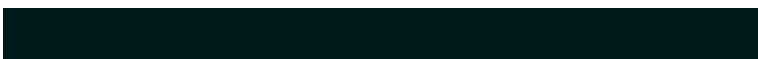
2665B7



535B5C



008F9C



001A1C



# Inverse Universe

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



B726AB



ED0CDB



B77826



5C535B



9C008F



1C001A



# Previews

## White Background



This preview shows how the Hex color 26ABB7 looks on a white background.

## Color Contrast Check

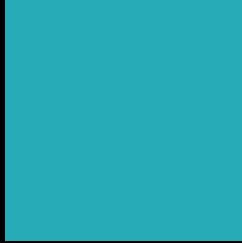
Large Text (above 18pt) WCAG AA × Fail

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 26ABB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

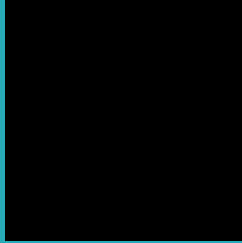
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

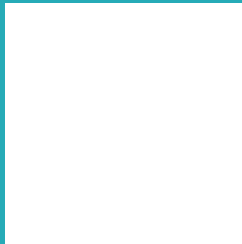
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26ABB7 Background



This preview shows how black text looks on a background with the Hex color 26ABB7.

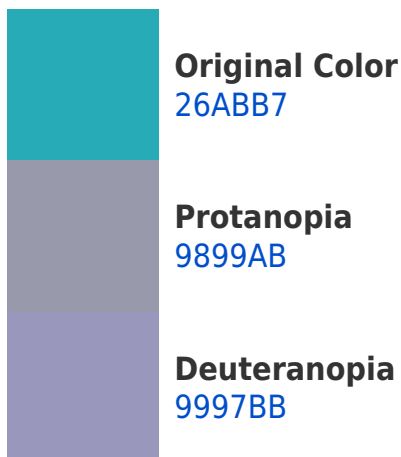


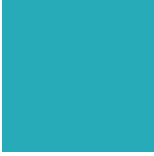
This preview shows how white text looks on a background with the Hex color 26ABB7.

# 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



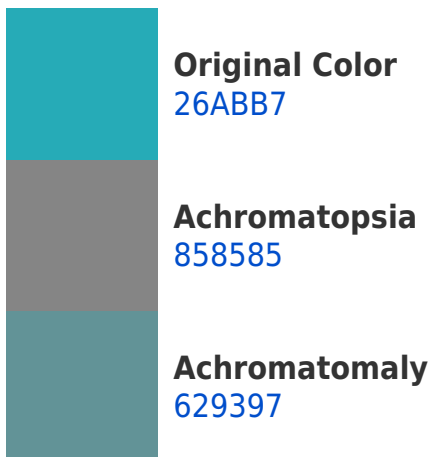


**Tritanopia**  
28ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26ABB7 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 #26ABB7 looks like.

```
.text, #text, p{  
    color:#26ABB7  
}
```

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 #26ABB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26ABB7
}
```

## Border

The CSS property to change the border of an element to Hex 26ABB7 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
#26ABB7 }
```

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

```
.border{ border-color:#26ABB7 }
```

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

Here you see how a box with a 4 pixel #26ABB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26ABB7; -webkit-box-shadow:4px 4px  
4px 4px #26ABB7; box-shadow:4px 4px 4px  
4px #26ABB7 }
```

# Background

The CSS property to change the background color of an element to Hex 26ABB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26ABB7 }
```

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

```
.background{ background-color:#26ABB7 }
```

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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