

# Converting Colors

Hex(39BEBE)

Have a look what the booklet for  
Hex(39BEBE) contains.

<b>Hex(39BEBE)</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(39BEBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39BEBE
RGB	57, 190, 190
RGB Percent	22%, 75%, 75%
CMY	0.7765, 0.2549, 0.2549
CMYK	0.70, 0.00, 0.00, 0.25
HSL	180°, 54%, 48%
HSV	180°, 70%, 75%
XYZ	29.3951, 41.4145, 55.1597
YIQ	150.2330, -79.2680, -28.1960

# Conversions

## Conversions Part 2

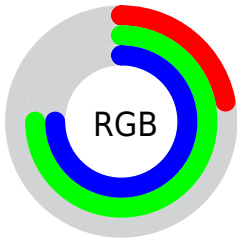
Format	Color
<a href="#">RYB</a>	<a href="#">57, 124, 190</a>
Decimal	<a href="#">3784382</a>
CIELab	<a href="#">70.47, -34.57, -10.36</a>
CIELCh	<a href="#">70, 36.085, 196.679</a>
Yxy	<a href="#">41.4145, 0.2334, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4281974462 (0xFF39BEBE)</a>
YUV	<a href="#">150.2330, 19.6051, -81.7653</a>
Hunter-Lab	<a href="#">64.3541, -31.0861, -5.7713</a>

# Details

The Hex color **39BEBE** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE3939**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7BF7F6**, and **008889** is the 20% darker color. If you saturate the color by 10%, you get **26BEBE**, and if you desaturate by 10%, it is **4CBEBE**.

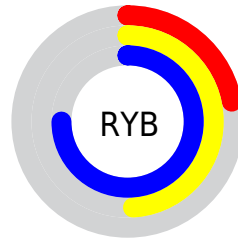
# Distribution



Red (22%)

Green (75%)

Blue (75%)



Red (22%)

Yellow (49%)

Blue (75%)

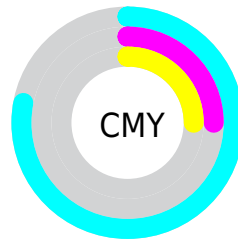


Cyan (70%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39BEBE 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 39BEBE by changing the saturation by 10% instead.



 39BEBE

 39BEBE


FFFFFF

 00A3A3

 7BF7F6

 008889

 9AFFFF

 006E6F

 B8FFFF

 005557

 D6FFFF

 003D40

 F5FFFF

 00282A

 000416

 000000

 39BEBE

 39BEBE

■ 26BEBE

■ 4CBEBE

■ 13BEBE

■ 5FBEBE

■ 00BEBE

■ 72BEBE

■ 85BEBE

■ 98BEBE

■ ABBEBE

■ BEBEBE

■ D1BEBE

■ E4BEBE

# Harmonies

## Analogous

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



62BD9C



39BEBE



35BBDB

# Triad

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



39BEBE



C79DDA



CFA56D

# Complementary

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



39BEBE



BE3939

# 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.



E59A7E



39BEBE



E395BC

# Square

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



39BEBE



9BA9EB



ED949B



B0B06D

# Rectangle

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



39BEBE



53B7E8



ED949B



D8A171



# Sweetspot

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



39BEBE



C3F7F7



39BE39



5E7D7D



FCFCFC



7D7D7D



# Same Dimension

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



39BEBE



28F7F7



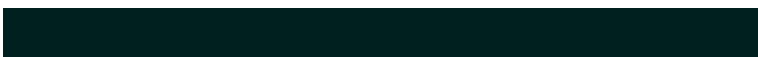
397CBE



555E5E



009E9E



001F1F



# Inverse Universe

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



BE39BE



F728F7



BE7C39



5E555E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color 39BEBE looks on a white background.

## Color Contrast Check

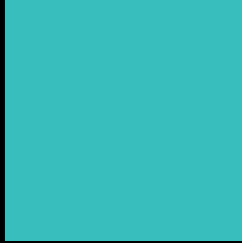
Large Text (above 18pt) WCAG AA × Fail

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 39BEBE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

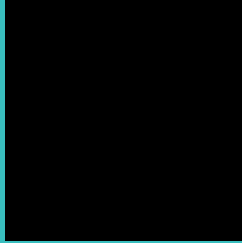
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

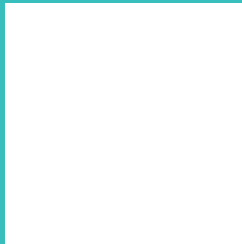
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39BEBE Background



This preview shows how black text looks on a background with the Hex color 39BEBE.

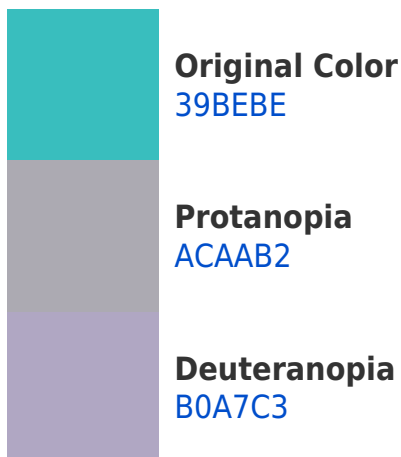


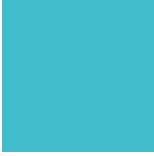
This preview shows how white text looks on a background with the Hex color 39BEBE.

# 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

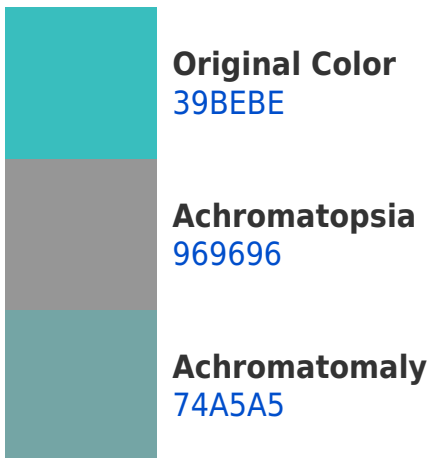




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39BEBE 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 #39BEBE looks like.

```
.text, #text, p{  
    color:#39BEBE  
}
```

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 #39BEBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BEBE
}
```

## Border

The CSS property to change the border of an element to Hex 39BEBE 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
#39BEBE }
```

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

```
.border{ border-color:#39BEBE }
```

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

Here you see how a box with a 4 pixel #39BEBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BEBE; -webkit-box-shadow:4px 4px  
4px 4px #39BEBE; box-shadow:4px 4px 4px  
4px #39BEBE }
```

# Background

The CSS property to change the background color of an element to Hex 39BEBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BEBE }
```

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

```
.background{ background-color:#39BEBE }
```

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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