

# Converting Colors

Hex(36BC97)

Have a look what the booklet for  
Hex(36BC97) contains.

<b>Hex(36BC97)</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(36BC97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36BC97
RGB	54, 188, 151
RGB Percent	21%, 74%, 59%
CMY	0.7882, 0.2627, 0.4078
CMYK	0.71, 0.00, 0.20, 0.26
HSL	163°, 55%, 47%
HSV	163°, 71%, 74%
XYZ	25.0905, 38.9851, 35.4806
YIQ	143.7160, -67.9870, -39.9150

# Conversions

## Conversions Part 2

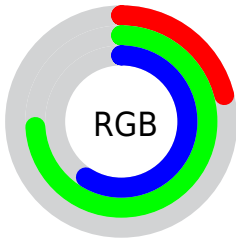
Format	Color
<a href="#">RYB</a>	<a href="#">54, 132, 188</a>
Decimal	<a href="#">3587223</a>
CIELab	<a href="#">68.74, -44.52, 8.48</a>
CIELCh	<a href="#">69, 45.315, 169.219</a>
Yxy	<a href="#">38.9851, 0.2520, 0.3916</a>
Android (android.graphics.Color)	<a href="#">4281777303 (0xFF36BC97)</a>
YUV	<a href="#">143.7160, 3.5910, -78.6809</a>
Hunter-Lab	<a href="#">62.4380, -37.5371, 10.0149</a>

# Details

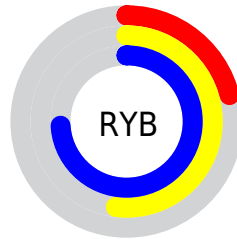
The Hex color **36BC97** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC365B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **77F5CD**, and **008664** is the 20% darker color. If you saturate the color by 10%, you get **23BC92**, and if you desaturate by 10%, it is **49BC9C**.

# Distribution



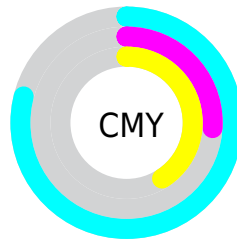
- Red (21%)
- Green (74%)
- Blue (59%)



- Red (21%)
- Yellow (52%)
- Blue (74%)



- Cyan (71%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)



- Cyan (79%)
- Magenta (26%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36BC97 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 36BC97 by changing the saturation by 10% instead.





36BC97



36BC97

FFFFFF



00A07D



77F5CD



008664



94FFE9



006C4C



B2FFFF



005236



D0FFFF



003A20



EEFFFF



00250A



000000



36BC97



36BC97



23BC92



49BC9C

 10BC8D

 5BCA1

 00BC88

 6EBCA7

 81BCAC

 94BCB1

 A7BCB6

 BABCBB

 CCBCC1

 DFBC6

# Harmonies

## Analogous

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



78B770



36BC97



00BDC1

# Triad

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



36BC97



94A3F5



EA926B

# Complementary

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



36BC97



BC365B

# 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.



F6878F



36BC97



CC93DE

# Square

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



36BC97



3FB0F8



ED88B8



CEA056

# Rectangle

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



36BC97



00BBDA



ED88B8



F08D76



# Sweetspot

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



36BC97



C1F5E7



5CBC36



5C7A72



FAFAFA



7A7A7A



# Same Dimension

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



36BC97



22F5BB



369FBC



555E5C



009E72



001F16



# Inverse Universe

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



BC365B



F5225C



BC5336



5E5558



9E002C

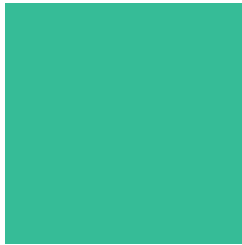


1F0008



# Previews

## White Background



This preview shows how the Hex color 36BC97 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 36BC97 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

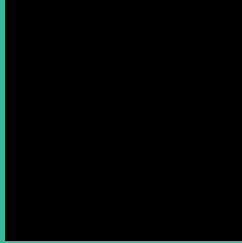
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36BC97 Background



This preview shows how black text looks on a background with the Hex color 36BC97.

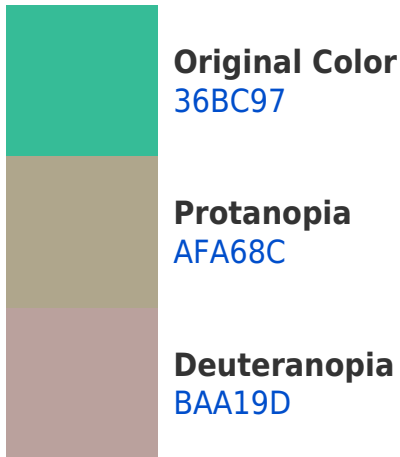


This preview shows how white text looks on a background with the Hex color 36BC97.

# 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**  
4CB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36BC97 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 #36BC97 looks like.

```
.text, #text, p{  
    color:#36BC97  
}
```

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 #36BC97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36BC97
}
```

## Border

The CSS property to change the border of an element to Hex 36BC97 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
#36BC97 }
```

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

```
.border{ border-color:#36BC97 }
```

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

Here you see how a box with a 4 pixel #36BC97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36BC97; -webkit-box-shadow:4px 4px  
4px 4px #36BC97; box-shadow:4px 4px 4px  
4px #36BC97 }
```

# Background

The CSS property to change the background color of an element to Hex 36BC97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36BC97 }
```

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

```
.background{ background-color:#36BC97 }
```

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