

Converting Colors

Hex(36BCC9)

Have a look what the booklet for
Hex(36BCC9) contains.

Hex(36BCC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36BCC9)

Conversions

Conversions Part 1

Format	Color
Hex	36BCC9
RGB	54, 188, 201
RGB Percent	21%, 74%, 79%
CMY	0.7882, 0.2627, 0.2118
CMYK	0.73, 0.06, 0.00, 0.21
HSL	185°, 58%, 50%
HSV	185°, 73%, 79%
XYZ	30.0472, 40.9678, 61.5823
YIQ	149.4160, -84.0370, -24.3650

Conversions

Conversions Part 2

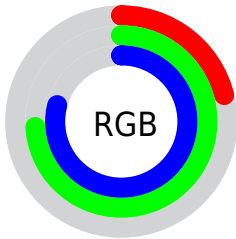
Format	Color
R _{YB}	54, 124, 201
Decimal	3587273
CIE Lab	70.15, -30.74, -16.86
CIE LCh	70, 35.058, 208.740
Yxy	40.9678, 0.2266, 0.3090
Android (android.graphics.Color)	4281777353 (0xFF36BCC9)
YUV	149.4160, 25.4309, -83.6798
Hunter-Lab	64.0061, -28.2151, -12.2405

Details

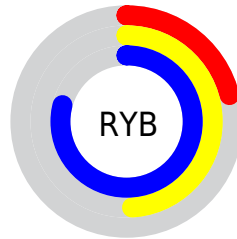
The Hex color **36BCC9** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C94336**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7AF5FF**, and **008693** is the 20% darker color. If you saturate the color by 10%, you get **22BAC9**, and if you desaturate by 10%, it is **4ABEC9**.

Distribution



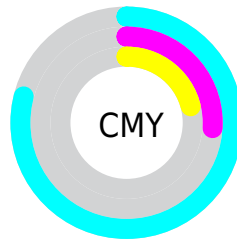
- Red (21%)
- Green (74%)
- Blue (79%)



- Red (21%)
- Yellow (49%)
- Blue (79%)



- Cyan (73%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36BCC9 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 36BCC9 by changing the saturation by 10% instead.

 36BCC9

 36BCC9

FFFFFF

 00A1AE

 7AF5FF

 008693

 99FFFF

 006D79

 B7FFFF

 005460

 D6FFFF

 003C49

 F4FFFF

 002632

 00031E

 000000

 36BCC9

 36BCC9

■ 22BAC9

■ 4ABEC9

■ 0EB8C9

■ 5EC0C9

■ 00B7C9

■ 72C1C9

■ 86C3C9

■ 9BC5C9

■ AFC7C9

■ C3C8C9

■ D7CAC9

■ EBCCC9

Harmonies

Analogous

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



54BDA9



36BCC9



4BB7E1

Triad

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



36BCC9



D399CD



C2A96C

Complementary

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



36BCC9



C94336

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.



DC9E76



36BCC9



E793AE

Square

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



36BCC9



AEA4E3



E9958E



A1B373

Rectangle

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



36BCC9



6BB2E9



E9958E



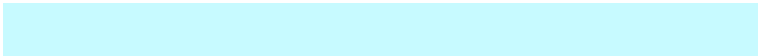
CCA56D

Sweetspot

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



36BCC9



C7FAFF



36C942



5E7D80



000000



808080

Same Dimension

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



36BCC9



1FEBFF



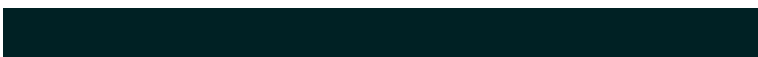
3673C9



5A6363



0095A3



002124

Inverse Universe

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



C936BC



FF1FEB



C98C36



635A63



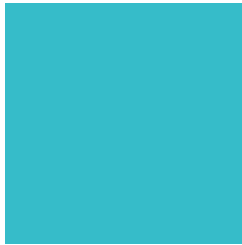
A30095



240021

Previews

White Background



This preview shows how the Hex color 36BCC9 looks on a white background.

Color Contrast Check

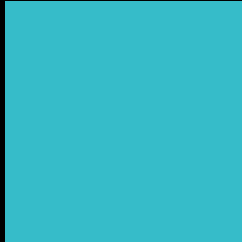
Large Text (above 18pt) WCAG AA × Fail

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 36BCC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

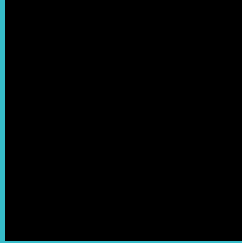
Any Text WCAG AA ✓ Pass

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 36BCC9 Background



This preview shows how black text looks on a background with the Hex color 36BCC9.

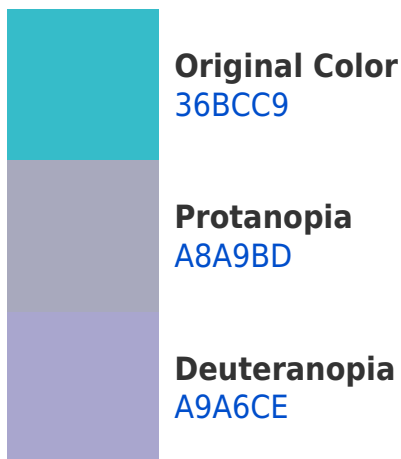


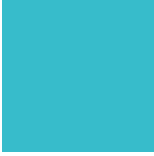
This preview shows how white text looks on a background with the Hex color 36BCC9.

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
37BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36BCC9 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 #36BCC9 looks like.

```
.text, #text, p{  
    color:#36BCC9  
}
```

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 #36BCC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36BCC9
}
```

Border

The CSS property to change the border of an element to Hex 36BCC9 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
#36BCC9 }
```

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

```
.border{ border-color:#36BCC9 }
```

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

Here you see how a box with a 4 pixel #36BCC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36BCC9; -webkit-box-shadow:4px 4px  
4px 4px #36BCC9; box-shadow:4px 4px 4px  
4px #36BCC9 }
```

Background

The CSS property to change the background color of an element to Hex 36BCC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36BCC9 }
```

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

```
.background{ background-color:#36BCC9 }
```

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