

Converting Colors

Hex(36C8B6)

Have a look what the booklet for
Hex(36C8B6) contains.

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Color

Hex(36C8B6)

Conversions

Conversions Part 1

Format	Color
Hex	36C8B6
RGB	54, 200, 182
RGB Percent	21%, 78%, 71%
CMY	0.7882, 0.2157, 0.2863
CMYK	0.73, 0.00, 0.09, 0.22
HSL	173°, 57%, 50%
HSV	173°, 73%, 78%
XYZ	30.6191, 45.4702, 51.4188
YIQ	154.2940, -81.2380, -36.5500

Conversions

Conversions Part 2

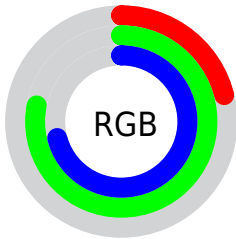
Format	Color
RYB	54, 132, 200
Decimal	3590326
CIELab	73.20, -41.73, -1.95
CIElCh	73, 41.772, 182.679
Yxy	45.4702, 0.2401, 0.3566
Android (android.graphics.Color)	4281780406 (0xFF36C8B6)
YUV	154.2940, 13.6591, -87.9578
Hunter-Lab	67.4316, -36.9527, 1.9916

Details

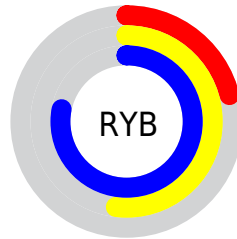
The Hex color **36C8B6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C83648**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7AFFEE**, and **009181** is the 20% darker color. If you saturate the color by 10%, you get **22C8B4**, and if you desaturate by 10%, it is **4AC8B8**.

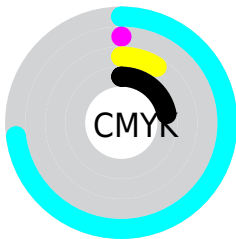
Distribution



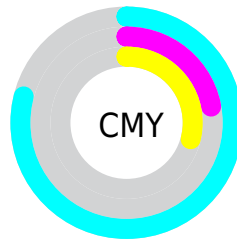
- Red (21%)
- Green (78%)
- Blue (71%)



- Red (21%)
- Yellow (52%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (79%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C8B6 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 36C8B6 by changing the saturation by 10% instead.

 36C8B6

 36C8B6

FFFFFF

 00AC9B

 7AFFEE

 009181

 99FFFF

 007768

 B7FFFF

 005D50

 D6FFFF

 004539

 F4FFFF

 002E24

 00140F

 000000

 36C8B6

 36C8B6

■ 22C8B4

■ 4AC8B8

■ 0EC8B1

■ 5EC8BB

■ 00C8AF

■ 72C8BD

■ 86C8C0

■ 9AC8C2

■ AEC8C5

■ C2C8C7

■ D6C8CA

■ EAC8CC

Harmonies

Analogous

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



72C58F



36C8B6



00C7DC

Triad

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



36C8B6



BCA9F4



E9A571

Complementary

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



36C8B6



C83648

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.



FB9A8C



36C8B6



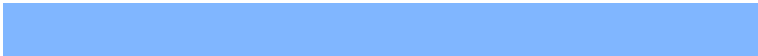
E79BD8

Square

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



36C8B6



80B6FF



FC95B2



C9B366

Rectangle

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



36C8B6



00C3F0



FC95B2



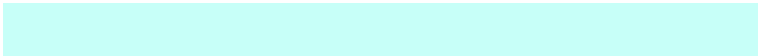
F1A178

Sweetspot

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



36C8B6



C7FFF8



49C836



5E807B



000000



808080

Same Dimension

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



36C8B6



1FFFE3



3692C8



5A6362



00A38F



00241F

Inverse Universe

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



C83648



FF1F3A



C86C36



635A5B



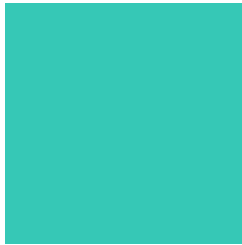
A30014



240004

Previews

White Background



This preview shows how the Hex color 36C8B6 looks on a white background.

Color Contrast Check

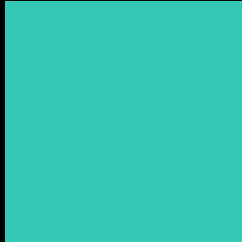
Large Text (above 18pt) WCAG AA × Fail

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 36C8B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

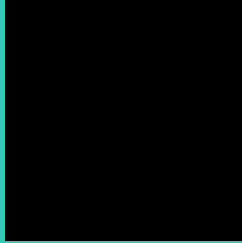
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

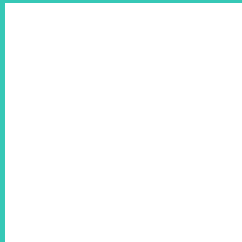
Any Text WCAG AAA ✓ Pass

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

Hex 36C8B6 Background



This preview shows how black text looks on a background with the Hex color 36C8B6.

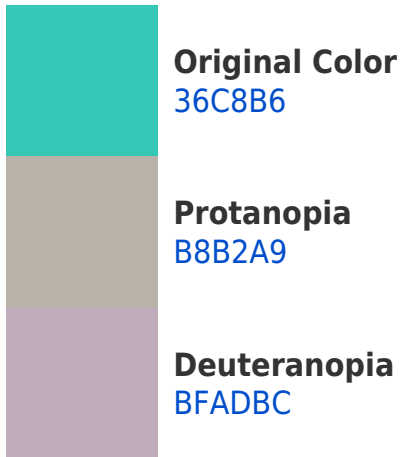


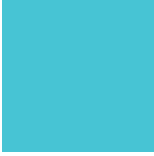
This preview shows how white text looks on a background with the Hex color 36C8B6.

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
47C4D4

Trichromacy



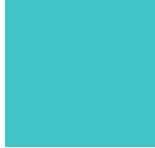
Original Color
36C8B6



Protanomaly
89BAAE



Deuteranomaly
8DB7BA



Tritanomaly
41C5C9

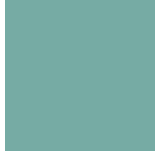
Monochromacy



Original Color
36C8B6



Achromatopsia
9A9A9A



Achromatomaly
76ABA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 36C8B6 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 #36C8B6 looks like.

```
.text, #text, p{  
    color:#36C8B6  
}
```

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 #36C8B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C8B6
}
```

Border

The CSS property to change the border of an element to Hex 36C8B6 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
#36C8B6 }
```

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

```
.border{ border-color:#36C8B6 }
```

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

Here you see how a box with a 4 pixel #36C8B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C8B6; -webkit-box-shadow:4px 4px  
4px 4px #36C8B6; box-shadow:4px 4px 4px  
4px #36C8B6 }
```

Background

The CSS property to change the background color of an element to Hex 36C8B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C8B6 }
```

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

```
.background{ background-color:#36C8B6 }
```

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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