

Converting Colors

Hex(36B1C8)

Have a look what the booklet for
Hex(36B1C8) contains.

Hex(36B1C8)	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(36B1C8)

Conversions

Conversions Part 1

Format	Color
Hex	36B1C8
RGB	54, 177, 200
RGB Percent	21%, 69%, 78%
CMY	0.7882, 0.3059, 0.2157
CMYK	0.73, 0.12, 0.00, 0.22
HSL	189°, 57%, 50%
HSV	189°, 73%, 78%
XYZ	27.6688, 36.3987, 60.2109
YIQ	142.8450, -80.6910, -18.9230

Conversions

Conversions Part 2

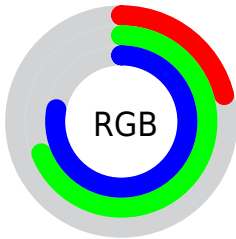
Format	Color
RYB	54, 121, 200
Decimal	3584456
CIELab	66.82, -25.62, -21.36
CIElCh	67, 33.359, 219.819
Yxy	36.3987, 0.2226, 0.2929
Android (android.graphics.Color)	4281774536 (0xFF36B1C8)
YUV	142.8450, 28.1774, -77.9171
Hunter-Lab	60.3313, -23.7172, -16.9398

Details

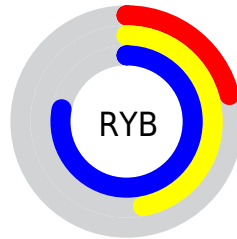
The Hex color **36B1C8** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C84D36**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79E9FF**, and **007C92** is the 20% darker color. If you saturate the color by 10%, you get **22AEC8**, and if you desaturate by 10%, it is **4AB4C8**.

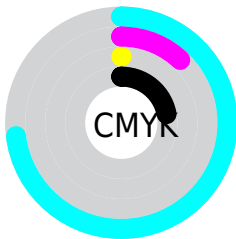
Distribution



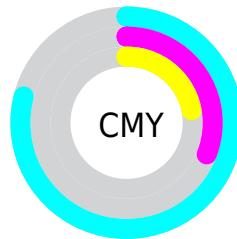
- Red (21%)
- Green (69%)
- Blue (78%)



- Red (21%)
- Yellow (47%)
- Blue (78%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (79%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B1C8 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 36B1C8 by changing the saturation by 10% instead.



36B1C8



36B1C8

FFFFFF



0096AD



79E9FF



007C92



98FFFF



006378



B6FFFF



004B5F



D4FFFF



003348



F2FFFF



002031



00021C



000000



36B1C8



36B1C8

■ 22AEC8

■ 4AB4C8

■ 0EABC8

■ 5EB7C8

■ 00A8C8

■ 72BAC8

■ 86BEC8

■ 9AC1C8

■ AEC4C8

■ C2C7C8

■ D6CAC8

■ EACDC8

Harmonies

Analogous

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



44B3AC



36B1C8



58ABDA

Triad

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



36B1C8



D08EB8



ADA467

Complementary

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



36B1C8



C84D36

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.



C89A6B



36B1C8



DD8C9A

Square

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



36B1C8



B397D1



DA907E



8CAC74

Rectangle

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



36B1C8



79A5DE



DA907E



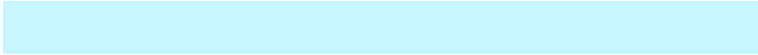
B7A166

Sweetspot

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



36B1C8



C7F6FF



36C84C



5E7A80



000000



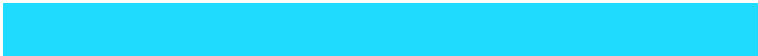
808080

Same Dimension

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



36B1C8



1FDCFF



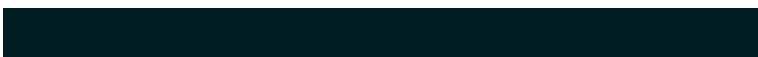
3669C8



5A6263



0089A3



001E24

Inverse Universe

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



C836B1



FF1FDC



C89536



635A62



A30089



24001E

Previews

White Background



This preview shows how the Hex color 36B1C8 looks on a white background.

Color Contrast Check

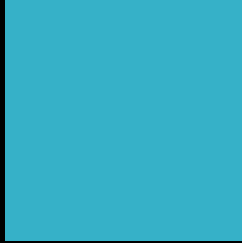
Large Text (above 18pt) WCAG AA × Fail

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 36B1C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

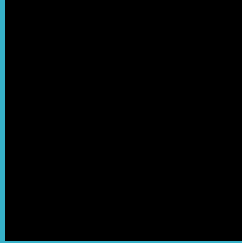
Any Text WCAG AA ✓ Pass

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 36B1C8 Background



This preview shows how black text looks on a background with the Hex color 36B1C8.



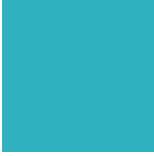
This preview shows how white text looks on a background with the Hex color 36B1C8.

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
31B2C1

Trichromacy



Original Color
36B1C8



Protanomaly
77A6C0



Deuteranomaly
76A5CB



Tritanomaly
33B2C4

Monochromacy



Original Color
36B1C8



Achromatopsia
8F8F8F



Achromatomaly
6F9BA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 36B1C8 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 #36B1C8 looks like.

```
.text, #text, p{  
    color:#36B1C8  
}
```

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 #36B1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B1C8
}
```

Border

The CSS property to change the border of an element to Hex 36B1C8 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
#36B1C8 }
```

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

```
.border{ border-color:#36B1C8 }
```

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

Here you see how a box with a 4 pixel #36B1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B1C8; -webkit-box-shadow:4px 4px  
4px 4px #36B1C8; box-shadow:4px 4px 4px  
4px #36B1C8 }
```

Background

The CSS property to change the background color of an element to Hex 36B1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B1C8 }
```

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

```
.background{ background-color:#36B1C8 }
```

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