

Converting Colors

Hex(36ACB1)

Have a look what the booklet for
Hex(36ACB1) contains.

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Color

Hex(36ACB1)

Conversions

Conversions Part 1

Format	Color
Hex	36ACB1
RGB	54, 172, 177
RGB Percent	21%, 67%, 69%
CMY	0.7882, 0.3255, 0.3059
CMYK	0.69, 0.03, 0.00, 0.31
HSL	182°, 53%, 45%
HSV	182°, 69%, 69%
XYZ	24.2097, 33.4636, 46.7781
YIQ	137.2880, -71.9330, -23.4610

Conversions

Conversions Part 2

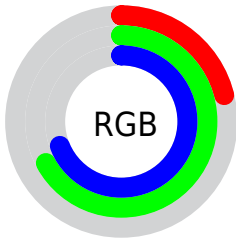
Format	Color
RYB	54, 114, 177
Decimal	3583153
CIELab	64.53, -30.18, -12.06
CIELCh	65, 32.505, 201.778
Yxy	33.4636, 0.2318, 0.3204
Android (android.graphics.Color)	4281773233 (0xFF36ACB1)
YUV	137.2880, 19.5780, -73.0436
Hunter-Lab	57.8478, -26.5302, -7.4509

Details

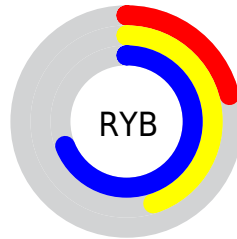
The Hex color **36ACB1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B13B36**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **76E4E9**, and **00777C** is the 20% darker color. If you saturate the color by 10%, you get **24ABB1**, and if you desaturate by 10%, it is **48ADB1**.

Distribution



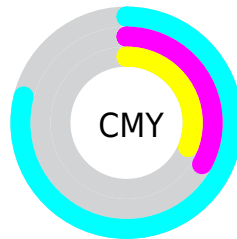
- Red (21%)
- Green (67%)
- Blue (69%)



- Red (21%)
- Yellow (45%)
- Blue (69%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36ACB1 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 36ACB1 by changing the saturation by 10% instead.

 36ACB1

 36ACB1

FFFFFF

 009196

 76E4E9

 00777C

 94FFFF

 005E64

 B1FFFF

 00464C

 CFFFFFF

 002F35

 EDFFFF

 001920

 000006

 000000

 36ACB1

 36ACB1

■ 24ABB1

■ 48ADB1

■ 13ABB1

■ 59ADB1

■ 01AAB1

■ 6BAEB1

■ 00AAB1

■ 7DAFB1

■ 8FB0B1

■ A0B0B1

■ B2B1B1

■ C4B2B1

■ D5B2B1

Harmonies

Analogous

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



55AC93



36ACB1



3CA9C9

Triad

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



36ACB1



BA8EC1



B79863

Complementary

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



36ACB1



B13B36

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.



CD8E70



36ACB1



D087A6

Square

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



36ACB1



9598D2



D68788



9BA166

Rectangle

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



36ACB1



58A4D3



D68788



C09566

Sweetspot

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



36ACB1



B5E4E6



36B13A



567273



F2F2F2



737373

Same Dimension

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



36ACB1



27DEE6



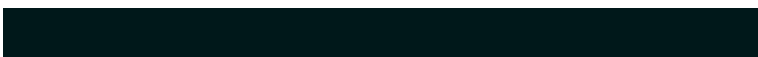
366FB1



505959



009399



00181A

Inverse Universe

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



B136AC



E627DE



B17836



595059



990093



1A0018

Previews

White Background



This preview shows how the Hex color 36ACB1 looks on a white background.

Color Contrast Check

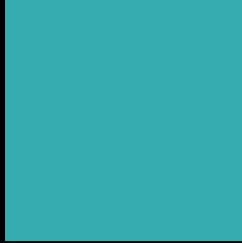
Large Text (above 18pt) WCAG AA × Fail

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 36ACB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

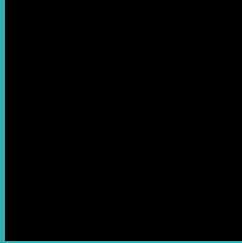
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

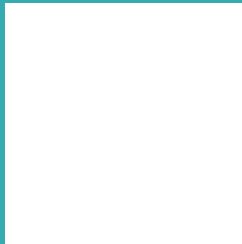
Any Text WCAG AAA ✓ Pass

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

Hex 36ACB1 Background



This preview shows how black text looks on a background with the Hex color 36ACB1.

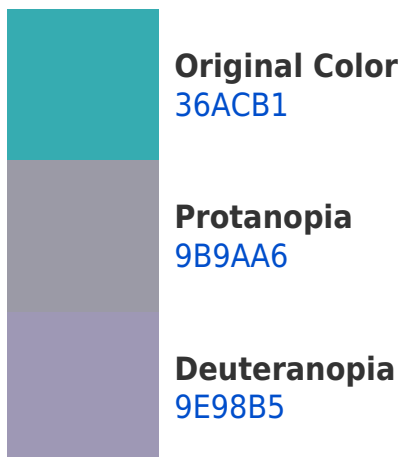


This preview shows how white text looks on a background with the Hex color 36ACB1.

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](#).

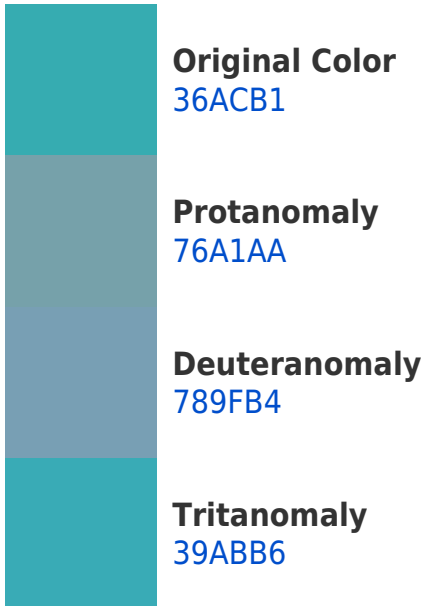
Dichromacy



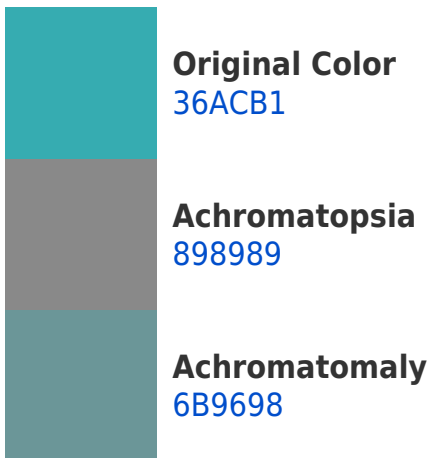


Tritanopia
3BABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36ACB1 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 #36ACB1 looks like.

```
.text, #text, p{  
    color:#36ACB1  
}
```

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 #36ACB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36ACB1
}
```

Border

The CSS property to change the border of an element to Hex 36ACB1 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
#36ACB1 }
```

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

```
.border{ border-color:#36ACB1 }
```

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

Here you see how a box with a 4 pixel #36ACB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36ACB1; -webkit-box-shadow:4px 4px  
4px 4px #36ACB1; box-shadow:4px 4px 4px  
4px #36ACB1 }
```

Background

The CSS property to change the background color of an element to Hex 36ACB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36ACB1 }
```

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

```
.background{ background-color:#36ACB1 }
```

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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