

Converting Colors

Hex(36ACBA)

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

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Color

Hex(36ACBA)

Conversions

Conversions Part 1

Format	Color
Hex	36ACBA
RGB	54, 172, 186
RGB Percent	21%, 67%, 73%
CMY	0.7882, 0.3255, 0.2706
CMYK	0.71, 0.08, 0.00, 0.27
HSL	186°, 55%, 47%
HSV	186°, 71%, 73%
XYZ	25.1368, 33.8345, 51.6602
YIQ	138.3140, -74.8220, -20.6620

Conversions

Conversions Part 2

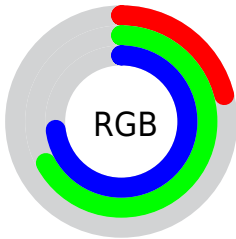
Format	Color
RYB	54, 116, 186
Decimal	3583162
CIELab	64.83, -27.47, -16.63
CIELCh	65, 32.107, 211.186
Yxy	33.8345, 0.2272, 0.3058
Android (android.graphics.Color)	4281773242 (0xFF36ACBA)
YUV	138.3140, 23.5092, -73.9434
Hunter-Lab	58.1674, -24.6551, -11.9400

Details

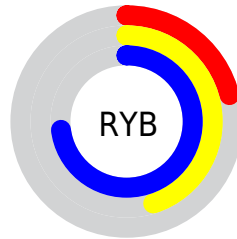
The Hex color **36ACBA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA4436**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **77E4F2**, and **007785** is the 20% darker color. If you saturate the color by 10%, you get **23AABA**, and if you desaturate by 10%, it is **49AEBA**.

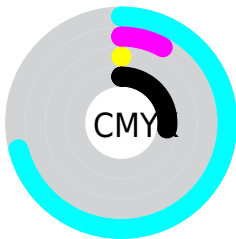
Distribution



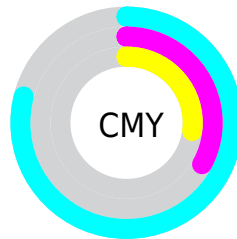
- Red (21%)
- Green (67%)
- Blue (73%)



- Red (21%)
- Yellow (45%)
- Blue (73%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (79%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 36ACBA

 36ACBA

FFFFFF

 00919F

 77E4F2

 007785

 95FFFF

 005E6C

 B3FFFF

 004653

 D1FFFF

 002F3C

 EFFFFFF

 001B26

 000111

 000000

 36ACBA

 36ACBA

■ 23AABA

■ 49AEBA

■ 11A8BA

■ 5BB0BA

■ 00A6BA

■ 6EB2BA

■ 80B4BA

■ 93B6BA

■ A6B8BA

■ B8BABA

■ CBBCBA

■ DDBEBA

Harmonies

Analogous

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



4DAD9D



36ACBA



4BA8CF

Triad

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



36ACBA



C38CB9



B09C64

Complementary

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



36ACBA



BA4436

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.



C7926C



36ACBA



D4879D

Square

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



36ACBA



A295CE



D58A81



91A46B

Rectangle

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



36ACBA



68A3D5



D58A81



B89965

Sweetspot

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



36ACBA



BFEDF2



36BA43



5C777A



FAFAFA



7A7A7A

Same Dimension

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



36ACBA



24DCF2



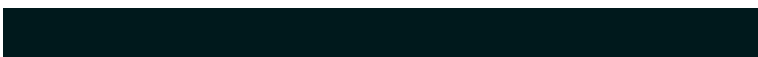
366BBA



535B5C



008B9C



00191C

Inverse Universe

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



BA36AC



F224DC



BA8536



5C535B



9C008B



1C0019

Previews

White Background



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

Color Contrast Check

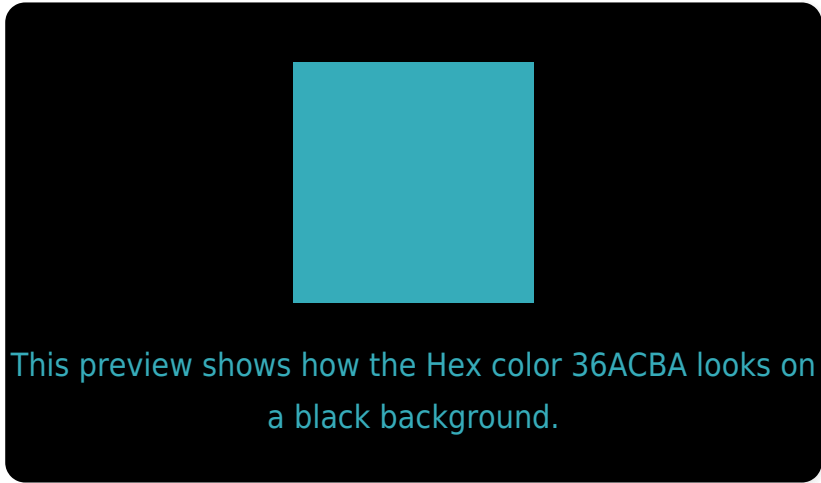
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 36ACBA Background



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

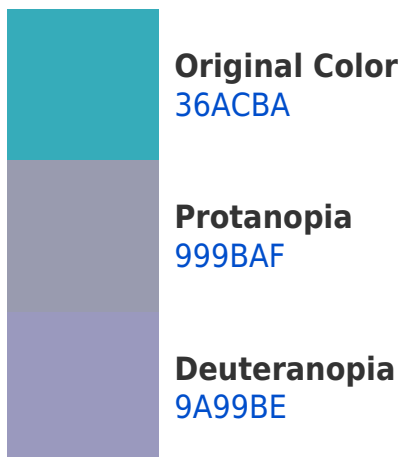


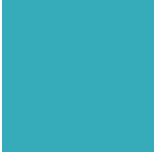
This preview shows how white text looks on a background with the Hex color 36ACBA.

Color Blindness Simulation

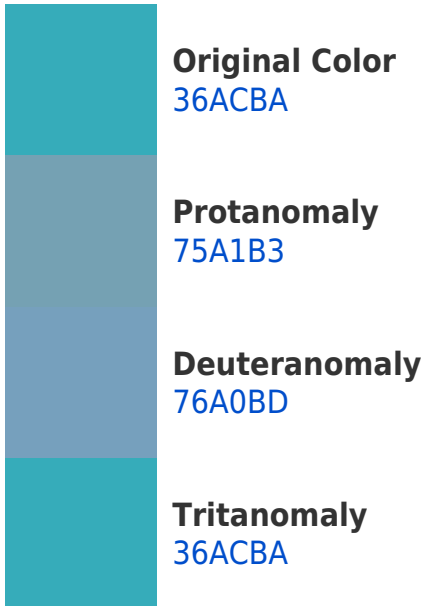
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

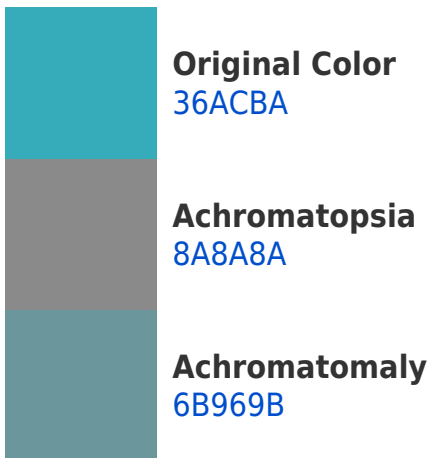




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #36ACBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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