

Converting Colors

Hex(37BACA)

Have a look what the booklet for
Hex(37BACA) contains.

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Color

Hex(37BACA)

Conversions

Conversions Part 1

Format	Color
Hex	37BACA
RGB	55, 186, 202
RGB Percent	22%, 73%, 79%
CMY	0.7843, 0.2706, 0.2078
CMYK	0.73, 0.08, 0.00, 0.21
HSL	187°, 58%, 50%
HSV	187°, 73%, 79%
XYZ	29.7951, 40.1943, 62.0650
YIQ	148.6550, -83.2120, -22.7960

Conversions

Conversions Part 2

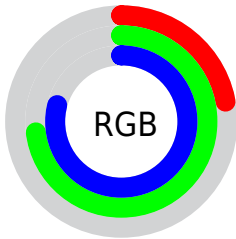
Format	Color
RYB	55, 124, 202
Decimal	3652298
CIELab	69.61, -29.34, -18.23
CIElCh	70, 34.544, 211.850
Yxy	40.1943, 0.2256, 0.3044
Android (android.graphics.Color)	4281842378 (0xFF37BACA)
YUV	148.6550, 26.2991, -82.1354
Hunter-Lab	63.3990, -27.0600, -13.6632

Details

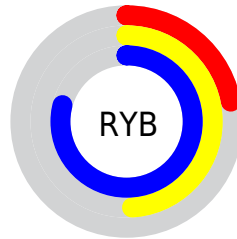
The Hex color **37BACA** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CA4737**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BF2FF**, and **008494** is the 20% darker color. If you saturate the color by 10%, you get **23B8CA**, and if you desaturate by 10%, it is **4BBCCA**.

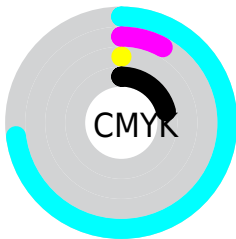
Distribution



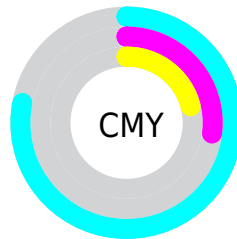
- Red (22%)
- Green (73%)
- Blue (79%)



- Red (22%)
- Yellow (49%)
- Blue (79%)



- Cyan (73%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (78%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37BACA 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 37BACA by changing the saturation by 10% instead.

 37BACA

 37BACA

FFFFFF

 009FAF

 7BF2FF

 008494

 9AFFFF

 006B7A

 B8FFFF

 005261

 D6FFFF

 003A49

 F5FFFF

 002533

 00021E

 000001

 000000

■ 37BACA

■ 37BACA

■ 23B8CA

■ 4BBCCA

■ 0FB6CA

■ 5FBECA

■ 00B4CA

■ 74C1CA

■ 88C3CA

■ 9CC5CA

■ B0C7CA

■ C4C9CA

■ D9CCCA

■ EDCECA

Harmonies

Analogous

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



50BBAB



37BACA



50B5E0

Triad

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



37BACA



D397C8



BDA96B

Complementary

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



37BACA



CA4737

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.



D79E74



37BACA



E692A9

Square

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



37BACA



B1A1DF



E6958B



9CB274

Rectangle

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



37BACA



71B0E7



E6958B



C7A56C

Sweetspot

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



37BACA



C7F9FF



37CA46



5E7C80



000000



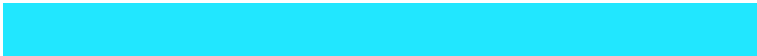
808080

Same Dimension

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



37BACA



21E7FF



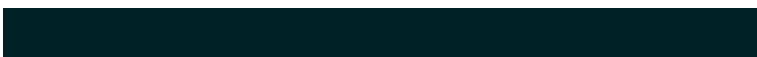
3772CA



5C6566



0094A6



002226

Inverse Universe

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



CA37BA



FF21E7



CA8F37



665C65



A60094



260022

Previews

White Background



This preview shows how the Hex color 37BACA looks on a white background.

Color Contrast Check

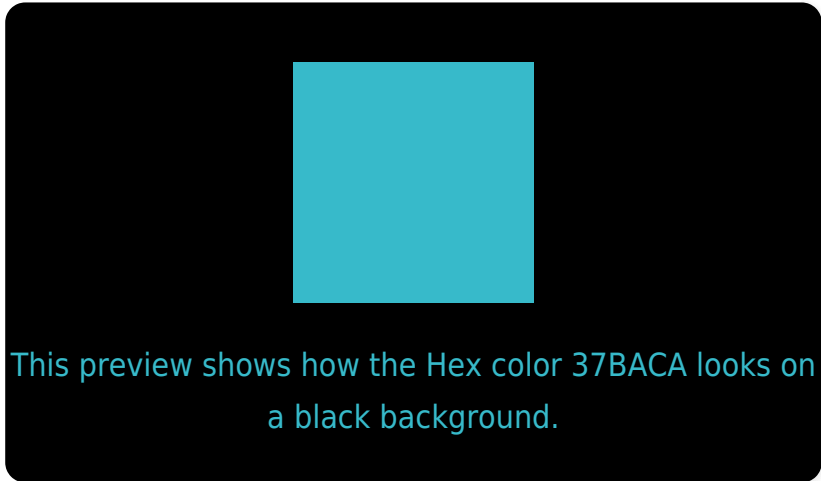
Large Text (above 18pt) WCAG AA × Fail

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 37BACA Background



This preview shows how black text looks on a background with the Hex color 37BACA.

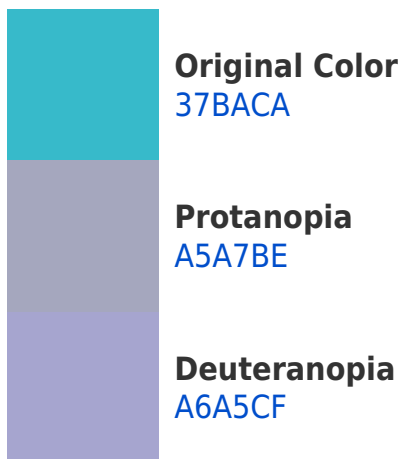


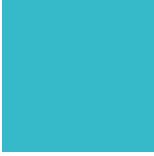
This preview shows how white text looks on a background with the Hex color 37BACA.

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](#).

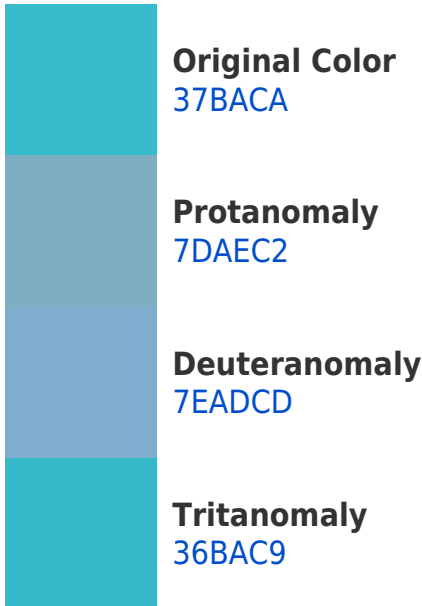
Dichromacy



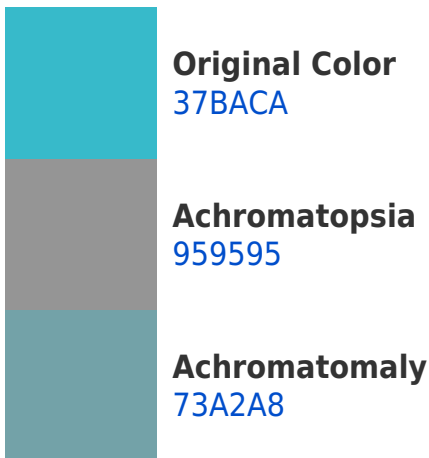


Tritanopia
36BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37BACA 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 #37BACA looks like.

```
.text, #text, p{  
  color:#37BACA  
}
```

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 #37BACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BACA
}
```

Border

The CSS property to change the border of an element to Hex 37BACA 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
#37BACA }
```

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

```
.border{ border-color:#37BACA }
```

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

Here you see how a box with a 4 pixel #37BACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BACA; -webkit-box-shadow:4px 4px  
4px 4px #37BACA; box-shadow:4px 4px 4px  
4px #37BACA }
```

Background

The CSS property to change the background color of an element to Hex 37BACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BACA }
```

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

```
.background{ background-color:#37BACA }
```

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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