

Converting Colors

Hex(34A2C9)

Have a look what the booklet for
Hex(34A2C9) contains.

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Color

Hex(34A2C9)

Conversions

Conversions Part 1

Format	Color
Hex	34A2C9
RGB	52, 162, 201
RGB Percent	20%, 64%, 79%
CMY	0.7961, 0.3647, 0.2118
CMYK	0.74, 0.19, 0.00, 0.21
HSL	196°, 59%, 50%
HSV	196°, 74%, 79%
XYZ	24.8791, 30.7878, 59.8897
YIQ	133.5560, -78.0790, -11.1910

Conversions

Conversions Part 2

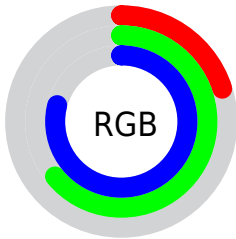
Format	Color
RYB	52, 115, 201
Decimal	3449545
CIELab	62.33, -17.78, -28.82
CIELCh	62, 33.862, 238.329
Yxy	30.7878, 0.2153, 0.2664
Android (android.graphics.Color)	4281639625 (0xFF34A2C9)
YUV	133.5560, 33.2499, -71.5246
Hunter-Lab	55.4867, -17.0660, -25.1541

Details

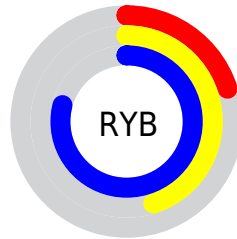
The Hex color **34A2C9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C95B34**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **77D9FF**, and **006E93** is the 20% darker color. If you saturate the color by 10%, you get **209DC9**, and if you desaturate by 10%, it is **48A7C9**.

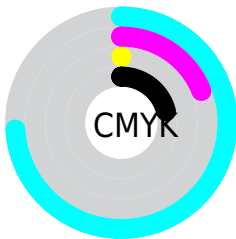
Distribution



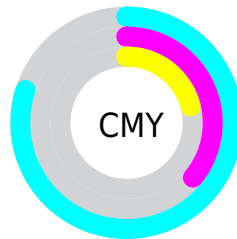
- Red (20%)
- Green (64%)
- Blue (79%)



- Red (20%)
- Yellow (45%)
- Blue (79%)



- Cyan (74%)
- Magenta (19%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A2C9 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 34A2C9 by changing the saturation by 10% instead.

■ 34A2C9

■ 34A2C9

FFFFFF

■ 0088AE

■ 77D9FF

■ 006E93

■ 95F5FF

■ 005679

■ B3FFFF

■ 003E60

■ D1FFFF

■ 002848

■ EFFFFFF

■ 001231

■ 00011C

■ 000000

■ 34A2C9

■ 34A2C9

■ 209DC9

■ 48A7C9

■ 0C97C9

■ 5CADC9

■ 0094C9

■ 70B2C9

■ 84B7C9

■ 99BCC9

■ ADC2C9

■ C1C7C9

■ D5CCC9

■ E9D1C9

Harmonies

Analogous

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



1BA6B2



34A2C9



689AD2

Triad

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



34A2C9



CE809A



8D9D61

Complementary

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



34A2C9



C95B34

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.



AC945A



34A2C9



D1827C

Square

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



34A2C9



BB85B7



C48A64



6AA476

Rectangle

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



34A2C9



8993D0



C48A64



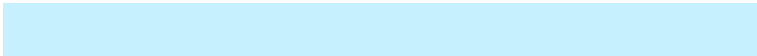
989B5D

Sweetspot

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



34A2C9



C7F0FF



34C959



5E7780



000000



808080

Same Dimension

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



34A2C9



1CC4FF



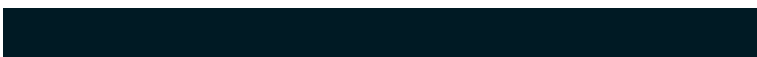
3459C9



5A6163



0078A3



001A24

Inverse Universe

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



C934A2



FF1CC4



C9A434



635A61



A30078



24001A

Previews

White Background



This preview shows how the Hex color 34A2C9 looks on a white background.

Color Contrast Check

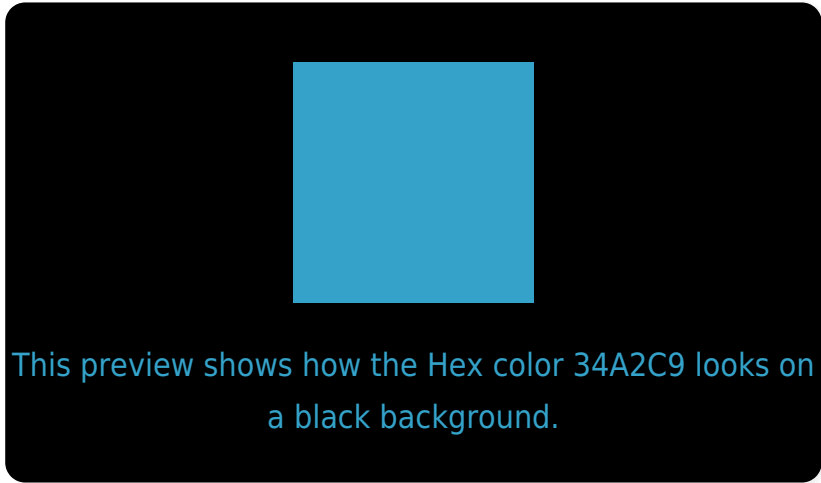
Large Text (above 18pt) WCAG AA × Fail

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 34A2C9 Background



This preview shows how black text looks on a background with the Hex color 34A2C9.



This preview shows how white text looks on a background with the Hex color 34A2C9.

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](#).

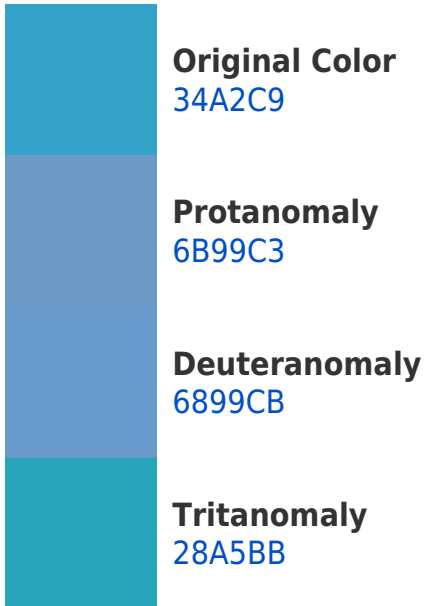
Dichromacy



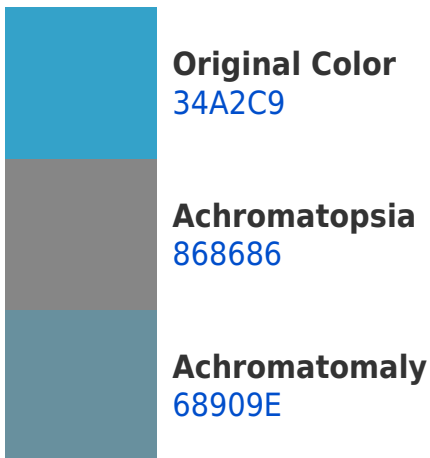


Tritanopia
21A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A2C9 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 #34A2C9 looks like.

```
.text, #text, p{  
    color:#34A2C9  
}
```

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 #34A2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A2C9
}
```

Border

The CSS property to change the border of an element to Hex 34A2C9 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
#34A2C9 }
```

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

```
.border{ border-color:#34A2C9 }
```

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

Here you see how a box with a 4 pixel #34A2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A2C9; -webkit-box-shadow:4px 4px  
4px 4px #34A2C9; box-shadow:4px 4px 4px  
4px #34A2C9 }
```

Background

The CSS property to change the background color of an element to Hex 34A2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A2C9 }
```

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

```
.background{ background-color:#34A2C9 }
```

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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