

Converting Colors

Hex(34A2B9)

Have a look what the booklet for
Hex(34A2B9) contains.

Hex(34A2B9)	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(34A2B9)

Conversions

Conversions Part 1

Format	Color
Hex	34A2B9
RGB	52, 162, 185
RGB Percent	20%, 64%, 73%
CMY	0.7961, 0.3647, 0.2745
CMYK	0.72, 0.12, 0.00, 0.27
HSL	190°, 56%, 46%
HSV	190°, 72%, 73%
XYZ	23.0935, 30.0735, 50.4866
YIQ	131.7320, -72.9430, -16.1670

Conversions

Conversions Part 2

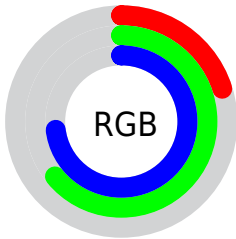
Format	Color
R _{YB}	52, 112, 185
Decimal	3449529
CIE _{Lab}	61.72, -22.99, -20.80
CIE _{LCh}	62, 31.005, 222.141
Y _{xy}	30.0735, 0.2228, 0.2901
Android (android.graphics.Color)	4281639609 (0xFF34A2B9)
YUV	131.7320, 26.2611, -69.9250
Hunter-Lab	54.8393, -20.8004, -16.1965

Details

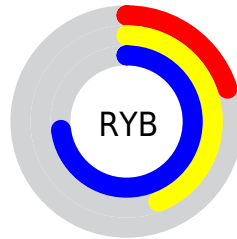
The Hex color **34A2B9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B94B34**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **75D9F1**, and **006E84** is the 20% darker color. If you saturate the color by 10%, you get **229FB9**, and if you desaturate by 10%, it is **47A5B9**.

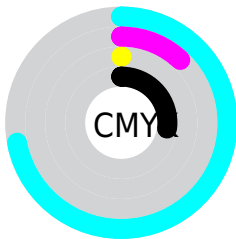
Distribution



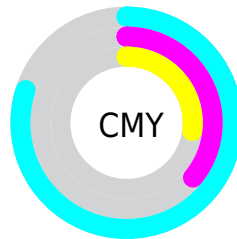
- Red (20%)
- Green (64%)
- Blue (73%)



- Red (20%)
- Yellow (44%)
- Blue (73%)



- Cyan (72%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (80%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A2B9 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 34A2B9 by changing the saturation by 10% instead.

 34A2B9

 34A2B9


FFFFFF

 00889E

 75D9F1

 006E84

 92F6FF

 00556B

 B0FFFF

 003E52

 CEFFFF

 00283B

 ECFFFF

 000E26

 00010F

 000000

 34A2B9

 34A2B9

■ 229FB9

■ 47A5B9

■ 0F9CB9

■ 59A8B9

■ 0099B9

■ 6CACB9

■ 7EAFB9

■ 91B2B9

■ A3B5B9

■ B6B8B9

■ C8BCB9

■ DBBFB9

Harmonies

Analogous

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



3DA4A0



34A2B9



559CC9

Triad

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



34A2B9



C182A7



9D975F

Complementary

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



34A2B9



B94B34

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.



B68E61



34A2B9



CB808B

Square

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



34A2B9



A78ABE



C78572



7E9E6C

Rectangle

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



34A2B9



7297CC



C78572



A6945E

Sweetspot

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



34A2B9



BBE7F0



34B94A



597278



F7F7F7



787878

Same Dimension

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



34A2B9



22CCF0



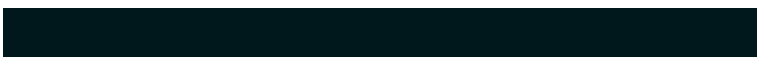
3460B9



535A5C



00819C



00171C

Inverse Universe

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



B934A2



F022CC



B98D34



5C535A



9C0081



1C0017

Previews

White Background



This preview shows how the Hex color 34A2B9 looks on a white background.

Color Contrast Check

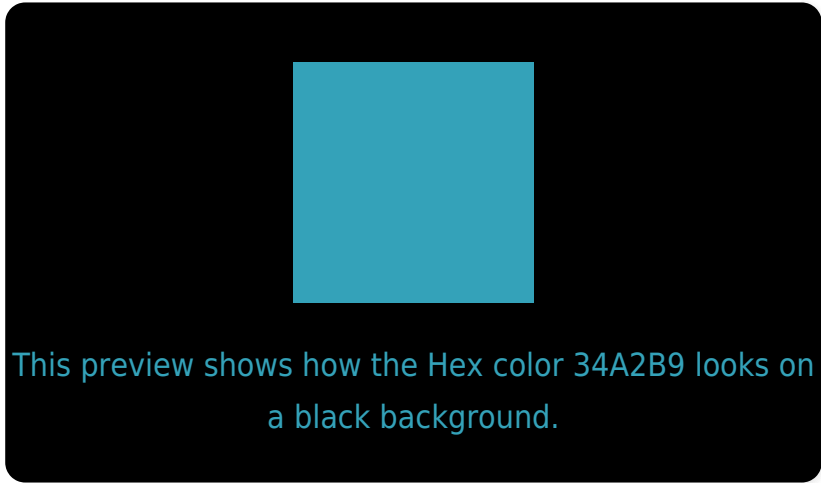
Large Text (above 18pt) WCAG AA × Fail

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

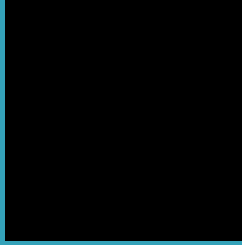
Any Text WCAG AA ✓ Pass

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 34A2B9 Background



This preview shows how black text looks on a background with the Hex color 34A2B9.

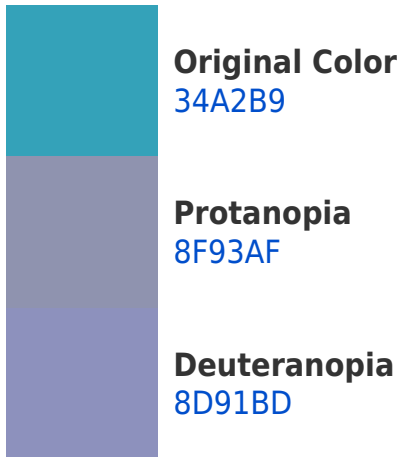


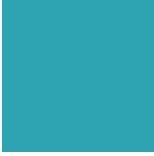
This preview shows how white text looks on a background with the Hex color 34A2B9.

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](#).

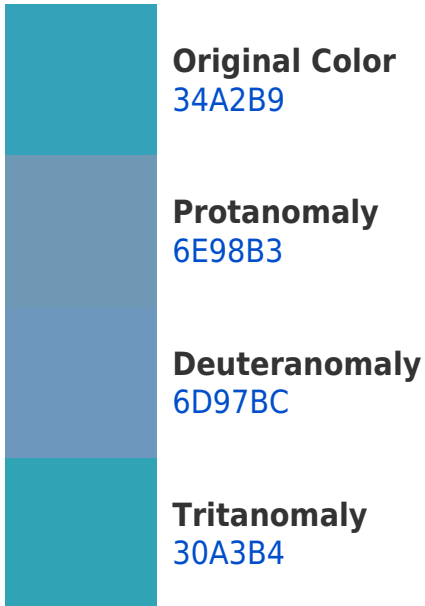
Dichromacy



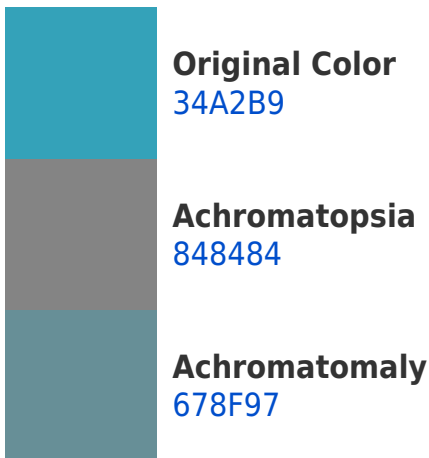


Tritanopia
2EA3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A2B9 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 #34A2B9 looks like.

```
.text, #text, p{  
    color:#34A2B9  
}
```

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 #34A2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A2B9
}
```

Border

The CSS property to change the border of an element to Hex 34A2B9 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
#34A2B9 }
```

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

```
.border{ border-color:#34A2B9 }
```

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

Here you see how a box with a 4 pixel #34A2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A2B9; -webkit-box-shadow:4px 4px  
4px 4px #34A2B9; box-shadow:4px 4px 4px  
4px #34A2B9 }
```

Background

The CSS property to change the background color of an element to Hex 34A2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A2B9 }
```

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

```
.background{ background-color:#34A2B9 }
```

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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