

# Converting Colors

Hex(34AC93)

Have a look what the booklet for  
Hex(34AC93) contains.

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**Color**

**Hex(34AC93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34AC93
RGB	52, 172, 147
RGB Percent	20%, 67%, 58%
CMY	0.7961, 0.3255, 0.4235
CMYK	0.70, 0.00, 0.15, 0.33
HSL	168°, 54%, 44%
HSV	168°, 70%, 67%
XYZ	21.4352, 32.3417, 32.7166
YIQ	133.2700, -63.4950, -33.2150

# Conversions

## Conversions Part 2

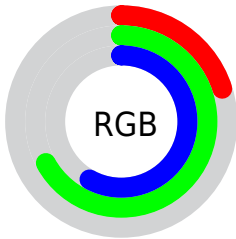
Format	Color
<a href="#">RYB</a>	<a href="#">52, 119, 172</a>
Decimal	<a href="#">3452051</a>
CIELab	<a href="#">63.62, -38.86, 3.33</a>
CIELCh	<a href="#">64, 39.005, 175.108</a>
Yxy	<a href="#">32.3417, 0.2478, 0.3739</a>
Android (android.graphics.Color)	<a href="#">4281642131</a> ( <a href="#">0xFF34AC93</a> )
YUV	<a href="#">133.2700, 6.7689, -71.2738</a>
Hunter-Lab	<a href="#">56.8698, -32.2425, 5.6999</a>

# Details

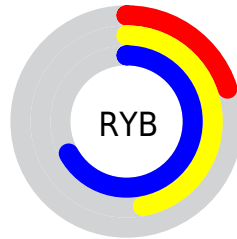
The Hex color **34AC93** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC344D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **72E4C9**, and **007761** is the 20% darker color. If you saturate the color by 10%, you get **23AC8F**, and if you desaturate by 10%, it is **45AC97**.

# Distribution



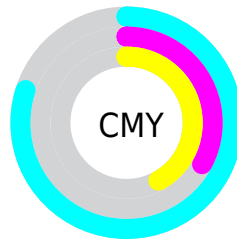
- Red (20%)
- Green (67%)
- Blue (58%)



- Red (20%)
- Yellow (47%)
- Blue (67%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (80%)
- Magenta (33%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34AC93 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 34AC93 by changing the saturation by 10% instead.



 34AC93

 34AC93

FFFFFF

 009179

 72E4C9

 007761

 90FFE5

 005D49

 ADFFFF

 004532

 CAFFFF

 002E1D

 E8FFFF

 001504

 000000

 34AC93

 34AC93

 23AC8F

 45AC97

 12AC8C

 56AC9A

 00AC88

 68AC9E

 79ACA1

 8AACA5

 9BACA9

 ACACAC

 BEACB0

 CFACB3

# Harmonies

## Analogous

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



69A871



34AC93



00ACB6

# Triad

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



34AC93



9593D9



CF8A62

# Complementary

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



34AC93



AC344D

# 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.



DD807E



34AC93



C087C2

# Square

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



34AC93



599FDF



D87FA1



B59654

# Rectangle

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



34AC93



00AACA



D87FA1



D6866A



# Sweetspot

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



34AC93



B1E0D7



4EAC34



54706A



F0F0F0



707070



# Same Dimension

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



34AC93



24E0B9



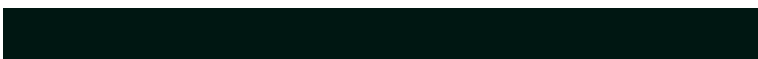
348AAC



4E5755



009677



001712



# Inverse Universe

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



AC344D



E0244B



AC5634



574E50



96001F

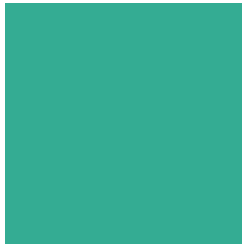


170005



# Previews

## White Background



This preview shows how the Hex color 34AC93 looks on a white background.

## Color Contrast Check

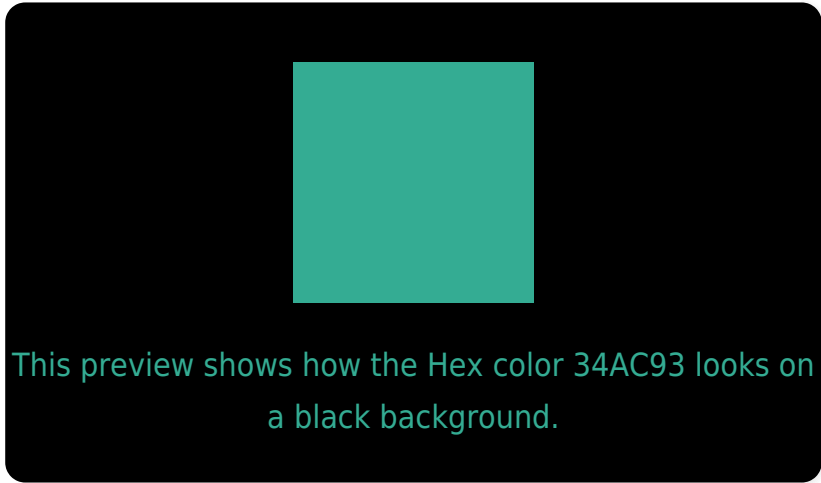
Large Text (above 18pt) WCAG AA × Fail

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

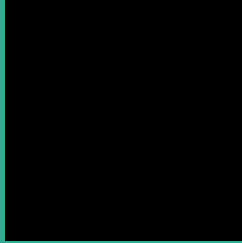
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34AC93 Background



This preview shows how black text looks on a background with the Hex color 34AC93.

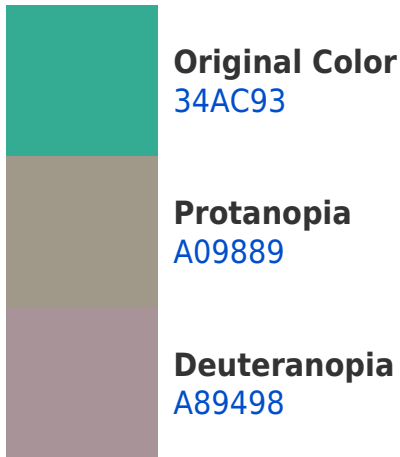


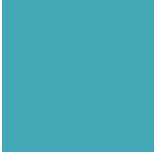
This preview shows how white text looks on a background with the Hex color 34AC93.

# 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](#).

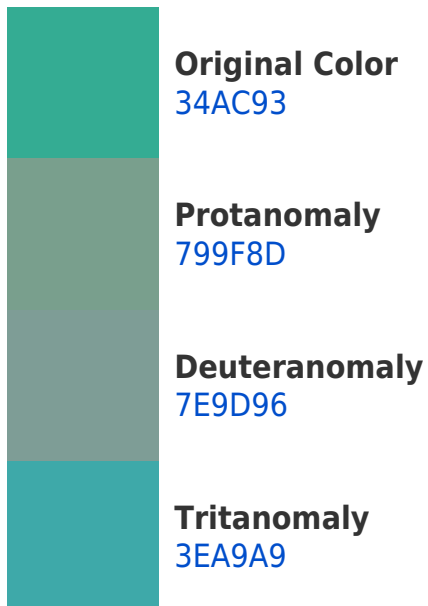
## Dichromacy



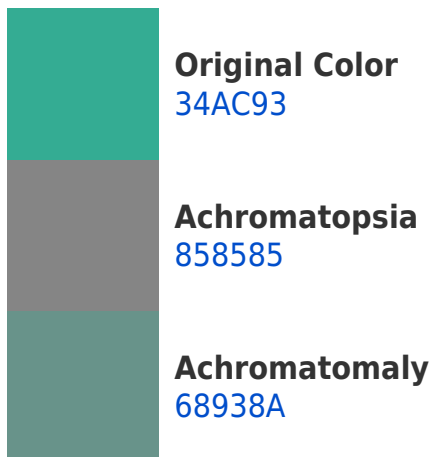


**Tritanopia**  
44A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34AC93 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 #34AC93 looks like.

```
.text, #text, p{  
    color:#34AC93  
}
```

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 #34AC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AC93
}
```

## Border

The CSS property to change the border of an element to Hex 34AC93 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
#34AC93 }
```

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

```
.border{ border-color:#34AC93 }
```

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

Here you see how a box with a 4 pixel #34AC93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AC93; -webkit-box-shadow:4px 4px  
4px 4px #34AC93; box-shadow:4px 4px 4px  
4px #34AC93 }
```

# Background

The CSS property to change the background color of an element to Hex 34AC93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AC93 }
```

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

```
.background{ background-color:#34AC93 }
```

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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