

# Converting Colors

Hex(34BA95)

Have a look what the booklet for  
Hex(34BA95) contains.

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**Color**

**Hex(34BA95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34BA95
RGB	52, 186, 149
RGB Percent	20%, 73%, 58%
CMY	0.7961, 0.2706, 0.4157
CMYK	0.72, 0.00, 0.20, 0.27
HSL	163°, 56%, 47%
HSV	163°, 72%, 73%
XYZ	24.3999, 38.0178, 34.4859
YIQ	141.7160, -67.9870, -39.9150

# Conversions

## Conversions Part 2

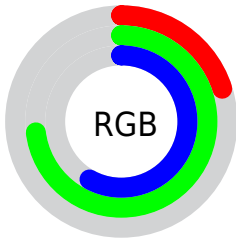
Format	Color
<a href="#">RYB</a>	<a href="#">52, 130, 186</a>
Decimal	<a href="#">3455637</a>
CIELab	<a href="#">68.03, -44.44, 8.56</a>
CIElCh	<a href="#">68, 45.255, 169.102</a>
Yxy	<a href="#">38.0178, 0.2518, 0.3923</a>
Android (android.graphics.Color)	<a href="#">4281645717 (0xFF34BA95)</a>
YUV	<a href="#">141.7160, 3.5910, -78.6809</a>
Hunter-Lab	<a href="#">61.6586, -37.2654, 9.9998</a>

# Details

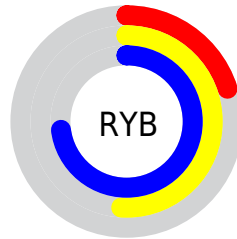
The Hex color **34BA95** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA3459**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **75F3CB**, and **008462** is the 20% darker color. If you saturate the color by 10%, you get **21BA90**, and if you desaturate by 10%, it is **47BA9A**.

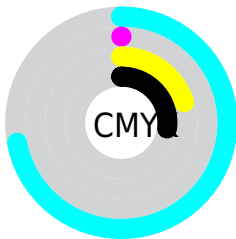
# Distribution



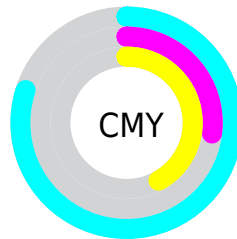
- Red (20%)
- Green (73%)
- Blue (58%)



- Red (20%)
- Yellow (51%)
- Blue (73%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)



- Cyan (80%)
- Magenta (27%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34BA95 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 34BA95 by changing the saturation by 10% instead.



 34BA95

 34BA95

FFFFFF

 009F7B

 75F3CB

 008462

 93FFE7

 006A4A

 B0FFFF

 005134

 CEFFFF

 00381F

 ECFFFF

 002307

 000000

 34BA95

 34BA95

 21BA90

 47BA9A

0FBA8B

59BA9F

00BA87

6CBAA4

7EBAAA

91BAAF

A4BAB4

B6BAB9

C9BABE

DBBAC3

# Harmonies

## Analogous

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



76B56F



34BA95



00BBBF

# Triad

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



34BA95



92A1F3



E8906A

# Complementary

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



34BA95



BA3459

# 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.



F4858D



34BA95



CA91DC

# Square

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



34BA95



3CAEF6



EB86B6



CC9E55

# Rectangle

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



34BA95



00B9D8



EB86B6



EE8B74



# Sweetspot

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



34BA95



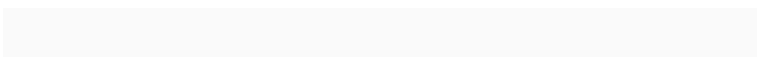
BDF2E4



5ABA34



5B7A72



FAFAFA



7A7A7A



# Same Dimension

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



34BA95



22F2B9



349DBA



535C59



009C71



001C14



# Inverse Universe

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



BA3459



F2225B



BA5134



5C5355



9C002B

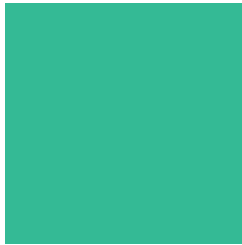


1C0008



# Previews

## White Background



This preview shows how the Hex color 34BA95 looks on a white background.

## Color Contrast Check

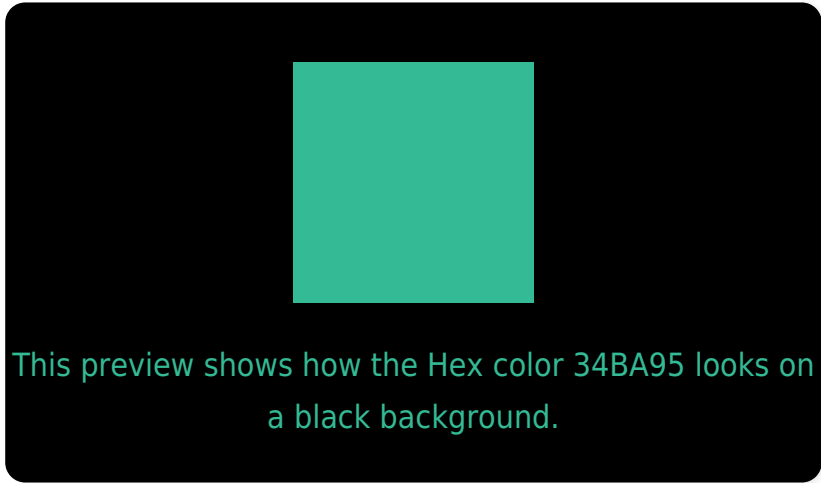
Large Text (above 18pt) WCAG AA × Fail

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

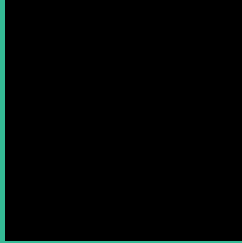
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34BA95 Background



This preview shows how black text looks on a background with the Hex color 34BA95.

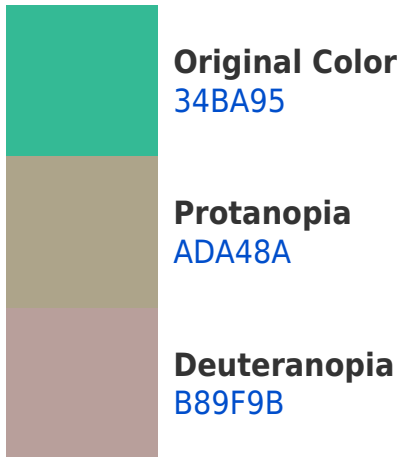


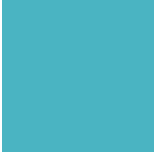
This preview shows how white text looks on a background with the Hex color 34BA95.

# 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](#).

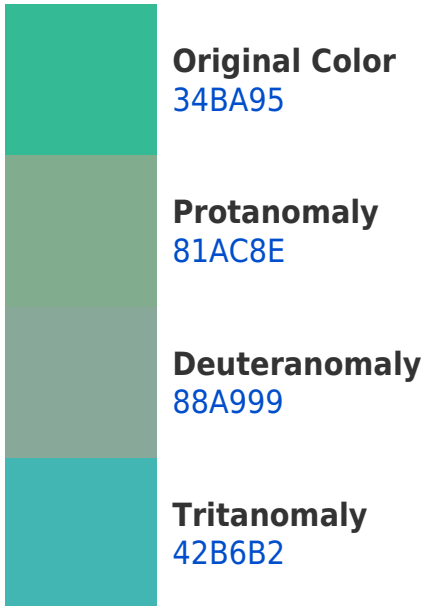
## Dichromacy





**Tritanopia**  
4AB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34BA95 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 #34BA95 looks like.

```
.text, #text, p{  
    color:#34BA95  
}
```

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 #34BA95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34BA95
}
```

## Border

The CSS property to change the border of an element to Hex 34BA95 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
#34BA95 }
```

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

```
.border{ border-color:#34BA95 }
```

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

Here you see how a box with a 4 pixel #34BA95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34BA95; -webkit-box-shadow:4px 4px  
4px 4px #34BA95; box-shadow:4px 4px 4px  
4px #34BA95 }
```

# Background

The CSS property to change the background color of an element to Hex 34BA95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34BA95 }
```

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

```
.background{ background-color:#34BA95 }
```

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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