

Converting Colors

Hex(3AAE93)

Have a look what the booklet for
Hex(3AAE93) contains.

Hex(3AAE93)	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(3AAE93)

Conversions

Conversions Part 1

Format	Color
Hex	3AAE93
RGB	58, 174, 147
RGB Percent	23%, 68%, 58%
CMY	0.7725, 0.3176, 0.4235
CMYK	0.67, 0.00, 0.16, 0.32
HSL	166°, 50%, 45%
HSV	166°, 67%, 68%
XYZ	22.1474, 33.2782, 32.8598
YIQ	136.2380, -60.4690, -32.9890

Conversions

Conversions Part 2

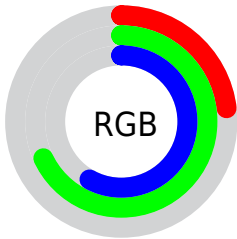
Format	Color
RYB	58, 124, 174
Decimal	3845779
CIELab	64.39, -38.81, 4.44
CIElCh	64, 39.064, 173.469
Yxy	33.2782, 0.2509, 0.3769
Android (android.graphics.Color)	4282035859 (0xFF3AAE93)
YUV	136.2380, 5.3057, -68.6147
Hunter-Lab	57.6873, -32.4226, 6.6083

Details

The Hex color **3AAE93** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **AE3A55**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **77E6C9**, and **007961** is the 20% darker color. If you saturate the color by 10%, you get **29AE8F**, and if you desaturate by 10%, it is **4BAE97**.

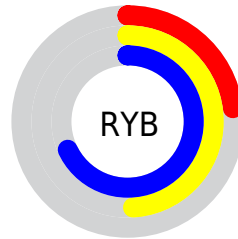
Distribution



Red (23%)

Green (68%)

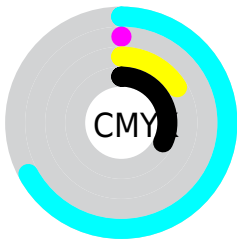
Blue (58%)



Red (23%)

Yellow (49%)

Blue (68%)

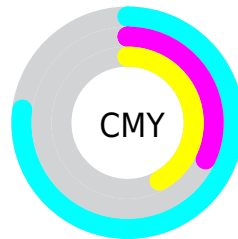


Cyan (67%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (77%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AAE93 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 3AAE93 by changing the saturation by 10% instead.



3AAE93



3AAE93

FFFFFF



0E9379



77E6C9



007961



94FFE5



005F49



B1FFFF



004732



CEFFFF



002F1D



ECFFFF



001804



000000



3AAE93



3AAE93



29AE8F



4BAE97

■ 17AE8B

■ 5DAE9B

■ 06AE87

■ 6EAE9F

■ 00AE85

■ 80AEA3

■ 91AEA7

■ A2AEAB

■ B4AEAF

■ C5AEB3

■ D7AEB7

Harmonies

Analogous

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



6EAA71



3AAE93



00AEB7

Triad

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



3AAE93



9496DC



D38B65

Complementary

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



3AAE93



AE3A55

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.



DF8282



3AAE93



C189C6

Square

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



3AAE93



57A2E1



DA81A5



B99756

Rectangle

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



3AAE93



00ACCB



DA81A5



D9876E

Sweetspot

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



3AAE93



B6E3D8



55AE3A



57736C



F2F2F2



737373

Same Dimension

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



3AAE93



2DE3B9



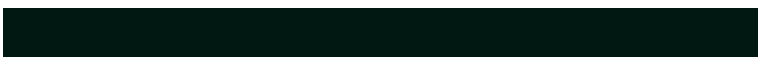
3A8FAE



4E5755



009673



001712

Inverse Universe

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



AE3A55



E32D58



AE593A



574E50



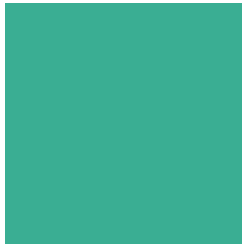
960023



170005

Previews

White Background



This preview shows how the Hex color 3AAE93 looks on a white background.

Color Contrast Check

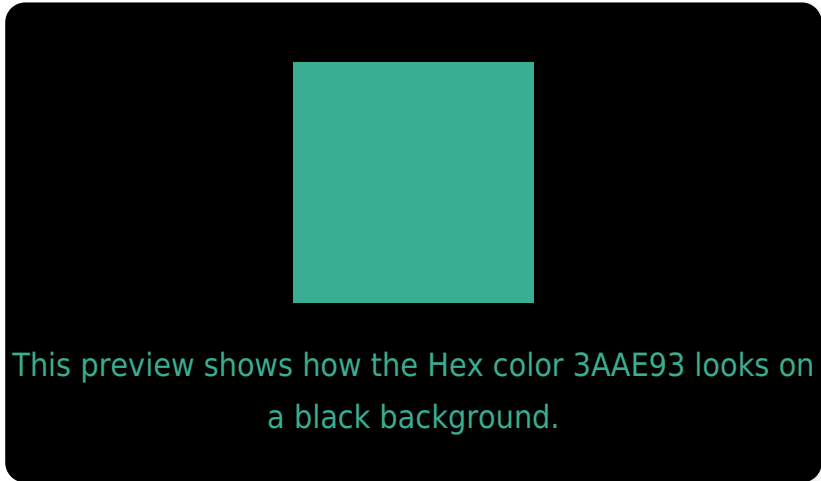
Large Text (above 18pt) WCAG AA × Fail

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

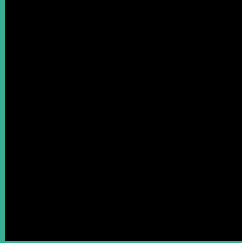
Any Text WCAG AA ✓ Pass

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 3AAE93 Background



This preview shows how black text looks on a background with the Hex color 3AAE93.

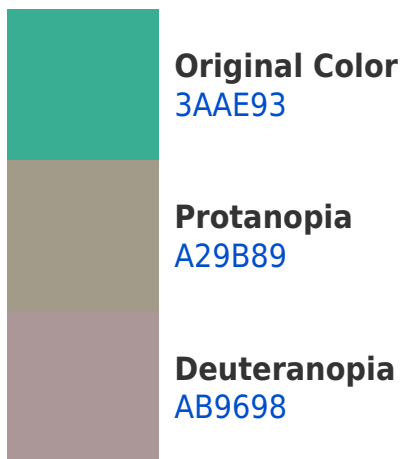


This preview shows how white text looks on a background with the Hex color 3AAE93.

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
4AA9B7

Trichromacy



Original Color
3AAE93



Protanomaly
7CA28D



Deuteranomaly
829F96



Tritanomaly
44ABAA

Monochromacy



Original Color
3AAE93



Achromatopsia
888888



Achromatomaly
6C968C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AAE93 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 #3AAE93 looks like.

```
.text, #text, p{  
    color:#3AAE93  
}
```

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 #3AAE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AAE93
}
```

Border

The CSS property to change the border of an element to Hex 3AAE93 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
#3AAE93 }
```

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

```
.border{ border-color:#3AAE93 }
```

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

Here you see how a box with a 4 pixel #3AAE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AAE93; -webkit-box-shadow:4px 4px  
4px 4px #3AAE93; box-shadow:4px 4px 4px  
4px #3AAE93 }
```

Background

The CSS property to change the background color of an element to Hex 3AAE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AAE93 }
```

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

```
.background{ background-color:#3AAE93 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor