

Converting Colors

Hex(3EAF A9)

Have a look what the booklet for
Hex(3EAFA9) contains.

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Color

Hex(3EAFA9)

Conversions

Conversions Part 1

Format	Color
Hex	3EAFA9
RGB	62, 175, 169
RGB Percent	24%, 69%, 66%
CMY	0.7569, 0.3137, 0.3373
CMYK	0.65, 0.00, 0.03, 0.31
HSL	177°, 48%, 46%
HSV	177°, 65%, 69%
XYZ	24.4780, 34.5487, 42.9145
YIQ	140.5290, -65.4220, -25.8220

Conversions

Conversions Part 2

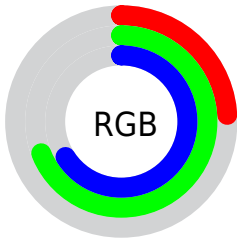
Format	Color
RYB	62, 120, 175
Decimal	4108201
CIELab	65.40, -32.73, -6.30
CIElCh	65, 33.331, 190.895
Yxy	34.5487, 0.2401, 0.3389
Android (android.graphics.Color)	4282298281 (0xFF3EAF9)
YUV	140.5290, 14.0362, -68.8699
Hunter-Lab	58.7781, -28.5257, -2.1436

Details

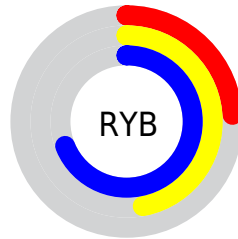
The Hex color **3EAF A9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF3E44**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7BE7E0**, and **007A75** is the 20% darker color. If you saturate the color by 10%, you get **2DAFA8**, and if you desaturate by 10%, it is **50AFAA**.

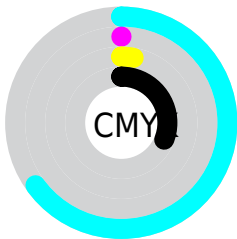
Distribution



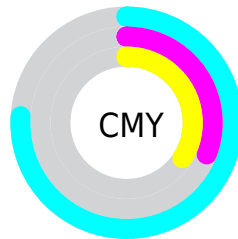
- Red (24%)
- Green (69%)
- Blue (66%)



- Red (24%)
- Yellow (47%)
- Blue (69%)



- Cyan (65%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (76%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EAF9 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 3EAF9 by changing the saturation by 10% instead.



3EAF A9



3EAF A9

FFFFFF



14948F



7BE7E0



007A75



98FFFD



00615C



B6FFFF



004845



D3FFFF



00312F



F1FFFF



001C1A



000000



3EAF A9



3EAF A9



2DAFA8



50AFAA

■ 1BAFA7

■ 61AFAB

■ 09AFA6

■ 73AFAC

■ 00AFA6

■ 84AFAD

■ 96AFAE

■ A7AFAF

■ B9AFB0

■ CAAFBO

■ DBAFB1

Harmonies

Analogous

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



63AD8A



3EAF99



31ADC5

Triad

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



3EAFA9



B093CC



C39667

Complementary

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



3EAFA9



AF3E44

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.



D58D79



3EAFA9



CD8AB3

Square

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



3EAFA9



869ED9



D98895



A8A063

Rectangle

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



3EAFA9



46AAD2



D98895



CB936B

Sweetspot

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



3EAFA9



B8E3E1



46AF3E



587371



F2F2F2



737373

Same Dimension

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



3EAFA9



34E3DA



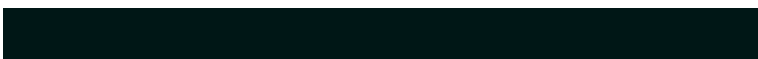
3E7EAF



4E5756



00968E



001716

Inverse Universe

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



AF3E44



E3343D



AF6F3E



574E4E



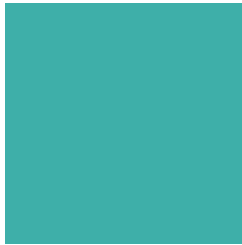
960008



170001

Previews

White Background



This preview shows how the Hex color 3EAFA9 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



This preview shows how the Hex color 3EAF A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

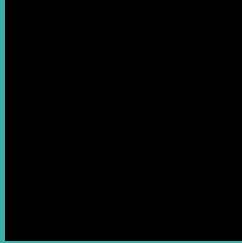
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

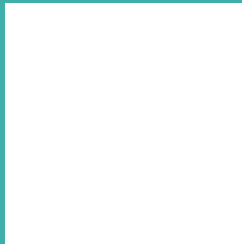
Any Text WCAG AAA ✓ Pass

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

Hex 3EAF A9 Background



This preview shows how black text looks on a background with the Hex color 3EAF A9.

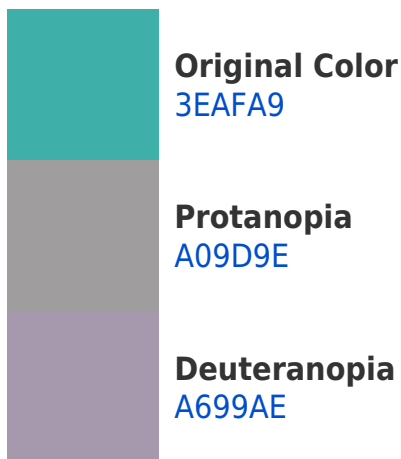


This preview shows how white text looks on a background with the Hex color 3EAF A9.

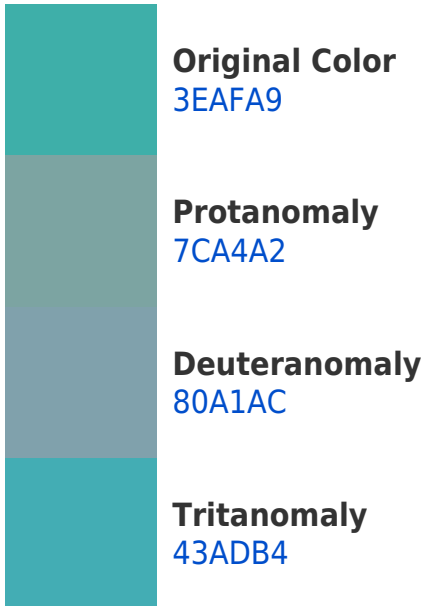
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EAFA9 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 #3EAFA9 looks like.

```
.text, #text, p{  
    color:#3EAFA9  
}
```

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 #3EAF79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAF79
}
```

Border

The CSS property to change the border of an element to Hex 3EAF79 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
#3EAF79 }
```

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

```
.border{ border-color:#3EAF9 }
```

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

Here you see how a box with a 4 pixel #3EAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAF9; -webkit-box-shadow:4px 4px  
4px 4px #3EAF9; box-shadow:4px 4px 4px  
4px #3EAF9 }
```

Background

The CSS property to change the background color of an element to Hex 3EAF A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAF A9 }
```

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

```
.background{ background-color:#3EAF A9 }
```

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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