

# Converting Colors

Hex(3EAF8)

Have a look what the booklet for  
Hex(3EAFA8) contains.

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**Color**

**Hex(3EAFA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EAFA8
RGB	62, 175, 168
RGB Percent	24%, 69%, 66%
CMY	0.7569, 0.3137, 0.3412
CMYK	0.65, 0.00, 0.04, 0.31
HSL	176°, 48%, 46%
HSV	176°, 65%, 69%
XYZ	24.3845, 34.5112, 42.4219
YIQ	140.4150, -65.1010, -26.1330

# Conversions

## Conversions Part 2

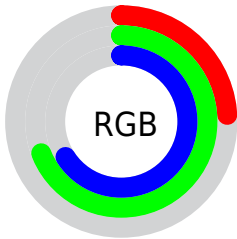
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 120, 175
Decimal	4108200
CIELab	65.37, -33.01, -5.79
CIELCh	65, 33.512, 189.944
Yxy	34.5112, 0.2407, 0.3406
Android (android.graphics.Color)	4282298280 (0xFF3EAF8)
YUV	140.4150, 13.5994, -68.7700
Hunter-Lab	58.7463, -28.7140, -1.6922

# Details

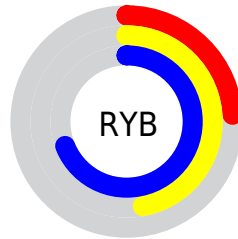
The Hex color **3EAFA8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF3E45**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7BE7DF**, and **007A74** is the 20% darker color. If you saturate the color by 10%, you get **2DAFA7**, and if you desaturate by 10%, it is **50AFA9**.

# Distribution



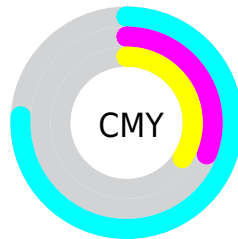
- Red (24%)
- Green (69%)
- Blue (66%)



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



- Cyan (65%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EAF8 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 3EAF8 by changing the saturation by 10% instead.



 3EAF A8

 3EAF A8

FFFF FF

 1494 8E

 7BE7 DF

 007A 74

 98FF FC

 0061 5C

 B6FF FF

 0048 44

 D3FF FF

 0031 2E

 F1FF FF

 001C 19

 0000 00

 3EAF A8

 3EAF A8

 2DAF A7

 50AF A9

■ 1BAFA6

■ 61AFAA

■ 09AFA5

■ 73AFAB

■ 00AFA4

■ 84AFAC

■ 96AFAD

■ A7AFAF

■ B9AFB0

■ CAAFB1

■ DBAFB2

# Harmonies

## Analogous

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



64AD89



3EAF8



2FADC4

# Triad

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



3EAFA8



AF93CD



C49667

# Complementary

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



3EAFA8



AF3E45

# 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.



D68C7A



3EAFA8



CD8AB4

# Square

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



3EAFA8



859EDA



D98896



A9A063

# Rectangle

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



3EAFA8



44AAD2



D98896



CB926C



# Sweetspot

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



3EAFA8



B8E3E0



46AF3E



587371



F2F2F2



737373



# Same Dimension

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



3EAFA8



34E3D8



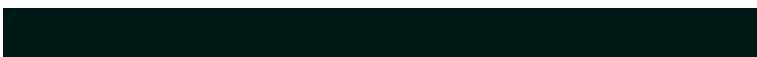
3E7EAF



4E5756



00968D



001716



# Inverse Universe

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



AF3E45



E3343F



AF6F3E



574E4F



960009

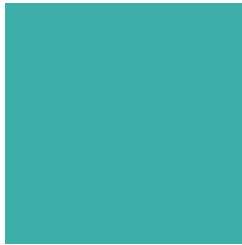


170001



# Previews

## White Background



This preview shows how the Hex color 3EAFA8 looks on a white background.

## Color Contrast Check

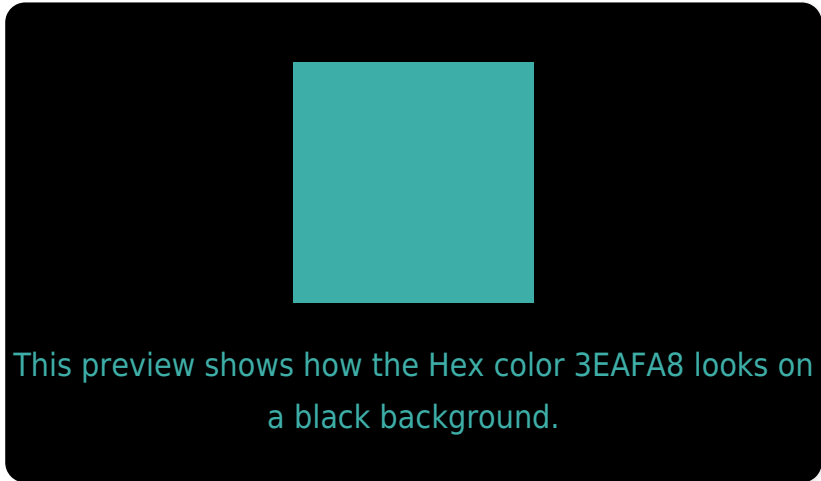
Large Text (above 18pt) WCAG AA × Fail

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

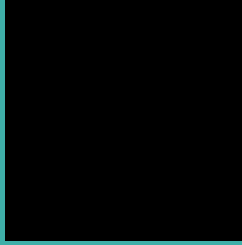
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

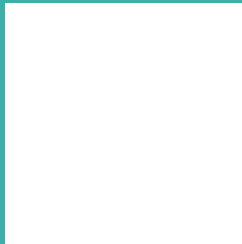
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EAF88 Background



This preview shows how black text looks on a background with the Hex color 3EAF88.

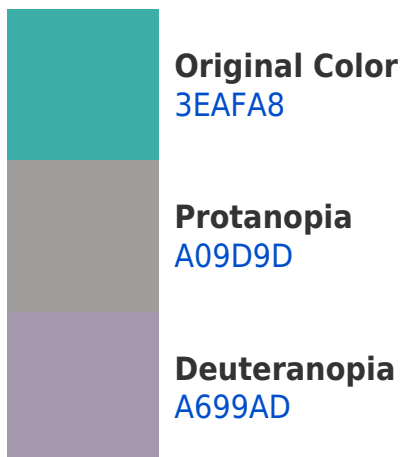


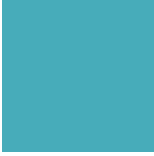
This preview shows how white text looks on a background with the Hex color 3EAF88.

# 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**  
47ACBA

# Trichromacy



**Original Color**  
3EAFA8



**Protanomaly**  
7CA4A1



**Deuteranomaly**  
80A1AB



**Tritanomaly**  
44ADB3

# Monochromacy



**Original Color**  
3EAFA8



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
709996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EAFA8 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 #3EAFA8 looks like.

```
.text, #text, p{  
  color:#3EAFA8  
}
```

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 #3EAF88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAF88  
}
```

## Border

The CSS property to change the border of an element to Hex 3EAF88 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  
#3EAF88 }
```

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

```
.border{ border-color:#3EAF8 }
```

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

Here you see how a box with a 4 pixel #3EAF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAF8; -webkit-box-shadow:4px 4px  
4px 4px #3EAF8; box-shadow:4px 4px 4px  
4px #3EAF8 }
```

# Background

The CSS property to change the background color of an element to Hex 3EAF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAF8 }
```

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

```
.background{ background-color:#3EAF8 }
```

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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