

Converting Colors

Hex(3FEA94)

Have a look what the booklet for
Hex(3FEA94) contains.

Hex(3FEA94)	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(3FEA94)

Conversions

Conversions Part 1

Format	Color
Hex	3FEA94
RGB	63, 234, 148
RGB Percent	25%, 92%, 58%
CMY	0.7529, 0.0824, 0.4196
CMYK	0.73, 0.00, 0.37, 0.08
HSL	150°, 80%, 58%
HSV	150°, 73%, 92%
XYZ	36.8180, 62.0405, 38.0515
YIQ	173.0670, -74.3100, -62.9980

Conversions

Conversions Part 2

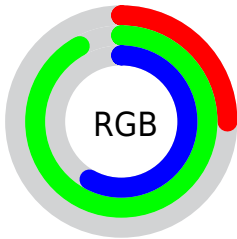
Format	Color
RYB	63, 177, 234
Decimal	4188820
CIELab	82.93, -61.96, 29.70
CIELCh	83, 68.712, 154.388
Yxy	62.0405, 0.2689, 0.4531
Android (android.graphics.Color)	4282378900 (0xFF3FEA94)
YUV	173.0670, -12.3580, -96.5288
Hunter-Lab	78.7658, -54.4027, 26.4933

Details

The Hex color **3FEA94** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **EA3F95**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **85FFCB**, and **00B160** is the 20% darker color. If you saturate the color by 10%, you get **28EA88**, and if you desaturate by 10%, it is **56EAA0**.

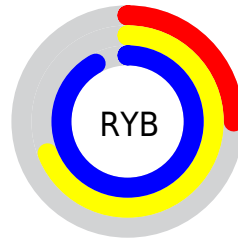
Distribution



Red (25%)

Green (92%)

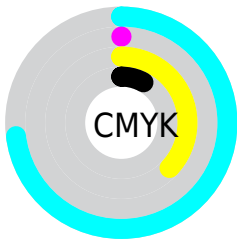
Blue (58%)



Red (25%)

Yellow (69%)

Blue (92%)

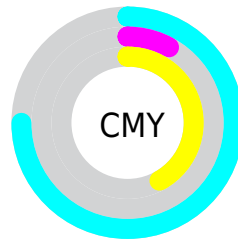


Cyan (73%)

Magenta (0%)

Yellow (37%)

Black (8%)



Cyan (75%)

Magenta (8%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FEA94 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 3FEA94 by changing the saturation by 10% instead.

 3FEA94

FFFFFF

 85FFCB

 A4FFE7


 C3FFFF

 E2FFFF

 3FEA94

 00CD7A

 00B160

 009548

 007A30

 006019

 004700

 003000

 001200

 000000

 3FEA94

 3FEA94

 28EA88

 56EAA0

 10EA7C

 6EEAAC

 00EA74

 85EAB7

 9DEAC3

 B4EACF

 CBEADB

 E3EAE6

 FAEAF2

 FFEAFE

Harmonies

Analogous

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



A6E05D



3FEA94



00EED6

Triad

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



3FEA94



5AD3FF



FF9F89

Complementary

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



3FEA94



EA3F95

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.



FF94C8



3FEA94



DEBAFF

Square

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



3FEA94



00E4FF



FFA0FF



FFB758

Rectangle

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



3FEA94



00EEFF



FFA0FF



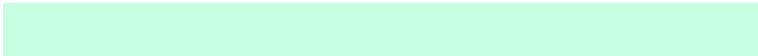
FF999D

Sweetspot

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



3FEA94



C7FFE3



97EA3F



5E806F



000000



808080

Same Dimension

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



3FEA94



1FFF8E



3FEAE7



6A756F



00B55A



00361B

Inverse Universe

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



EA3F95



FF1F8F



EA3F42



756A6F



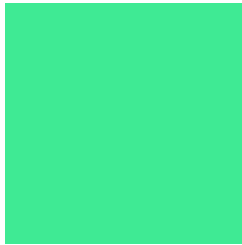
B5005B



36001B

Previews

White Background



This preview shows how the Hex color 3FEA94 looks on a white background.

Color Contrast Check

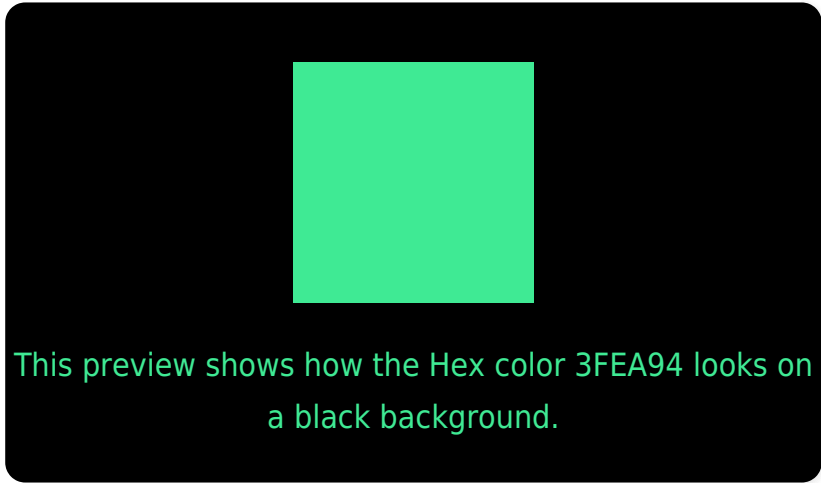
Large Text (above 18pt) WCAG AA × Fail

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

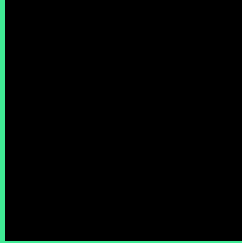
Any Text WCAG AA ✓ Pass

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 3FEA94 Background



This preview shows how black text looks on a background with the Hex color 3FEA94.

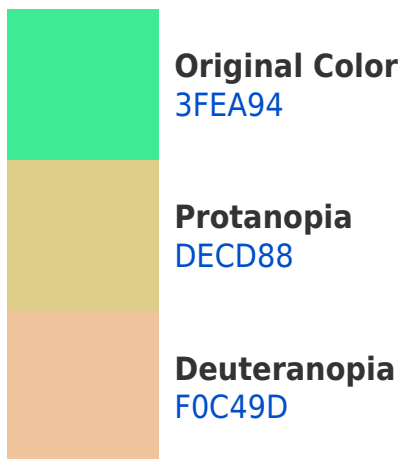


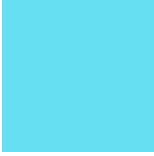
This preview shows how white text looks on a background with the Hex color 3FEA94.

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
65DFF1

Trichromacy



Original Color
3FEA94



Protanomaly
A4D88C



Deuteranomaly
B0D29A

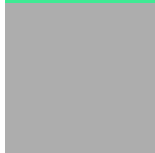


Tritanomaly
57E3CF

Monochromacy



Original Color
3FEA94



Achromatopsia
ADADAD



Achromatomaly
85C3A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FEA94 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 #3FEA94 looks like.

```
.text, #text, p{  
    color:#3FEA94  
}
```

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 #3FEA94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FEA94
}
```

Border

The CSS property to change the border of an element to Hex 3FEA94 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
#3FEA94 }
```

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

```
.border{ border-color:#3FEA94 }
```

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

Here you see how a box with a 4 pixel #3FEA94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FEA94; -webkit-box-shadow:4px 4px  
4px 4px #3FEA94; box-shadow:4px 4px 4px  
4px #3FEA94 }
```

Background

The CSS property to change the background color of an element to Hex 3FEA94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FEA94 }
```

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

```
.background{ background-color:#3FEA94 }
```

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