

# Converting Colors

Hex(5EAF86)

Have a look what the booklet for  
Hex(5EAF86) contains.

<b>Hex(5EAF86)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5EAF86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EAF86
RGB	94, 175, 134
RGB Percent	37%, 69%, 53%
CMY	0.6314, 0.3137, 0.4745
CMYK	0.46, 0.00, 0.23, 0.31
HSL	150°, 34%, 53%
HSV	150°, 46%, 69%
XYZ	24.2491, 34.7609, 27.9857
YIQ	146.1070, -35.1150, -29.9230

# Conversions

## Conversions Part 2

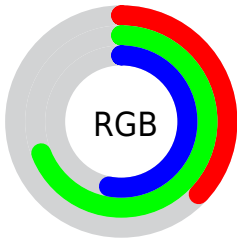
Format	Color
<a href="#">RYB</a>	<a href="#">94, 148, 175</a>
Decimal	<a href="#">6205318</a>
CIELab	<a href="#">65.56, -34.44, 13.46</a>
CIELCh	<a href="#">66, 36.979, 158.650</a>
Yxy	<a href="#">34.7609, 0.2787, 0.3996</a>
Android (android.graphics.Color)	<a href="#">4284395398</a> (0xFF5EAF86)
YUV	<a href="#">146.1070, -5.9688, -45.6978</a>
Hunter-Lab	<a href="#">58.9583, -29.7613, 13.1277</a>

# Details

The Hex color **5EAF86** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **AF5E87**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **95E7BB**, and **267A54** is the 20% darker color. If you saturate the color by 10%, you get **4DAF7D**, and if you desaturate by 10%, it is **70AF8F**.

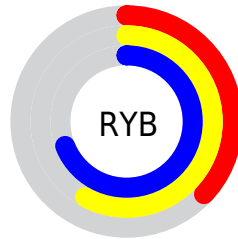
# Distribution



Red (37%)

Green (69%)

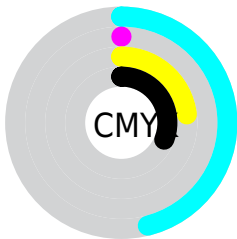
Blue (53%)



Red (37%)

Yellow (58%)

Blue (69%)

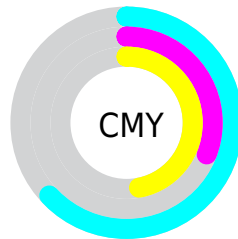


Cyan (46%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (63%)

Magenta (31%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EAF86 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 5EAF86 by changing the saturation by 10% instead.



 5EAF86

 5EAF86

FFFFFF

 43946D

 95E7BB

 267A54

 B0FFD7

 00613D

 CDFFF3

 004827

 EAFFFF

 003112

 001C00

 000000

 5EAF86

 5EAF86

 4DAF7D

 70AF8F

 3BAF74

 81AF98

 2AAF6B

 93AFA1

 18AF63

 A4AFA9

 07AF5A

 B6AFB2

 00AF56

 C7AFBB

 D9AFC4

 EAAFCD

 FCAFD6

# Harmonies

## Analogous

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



87A96A



5EAF86



2BB1A8

# Triad

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



5EAF86



7F9FE0



DC8A77

# Complementary

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



5EAF86



AF5E87

# 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.



DF8597



5EAF86



AF93D3

# Square

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



5EAF86



42A9DC



D189B8



C99562

# Rectangle

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



5EAF86



00B0BE



D189B8



DF8881



# Sweetspot

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



5EAF86



C3E3D3



88AF5E



5F7369



F2F2F2



737373



# Same Dimension

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



5EAF86



64E3A3



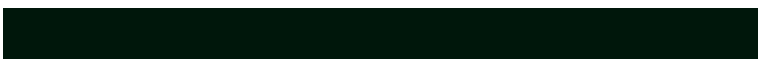
5EAFAE



4E5752



00964A



00170B



# Inverse Universe

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



AF5E87



E364A4



AF5E5F



574E52



96004C



17000C



# Previews

## White Background



This preview shows how the Hex color 5EAF86 looks on a white background.

## Color Contrast Check

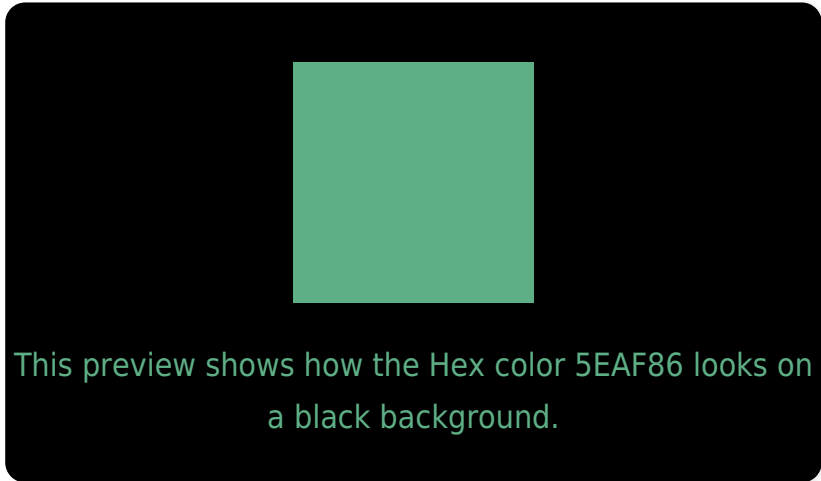
Large Text (above 18pt) WCAG AA × Fail

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

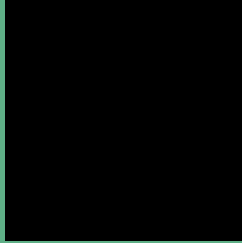
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EAF86 Background



This preview shows how black text looks on a background with the Hex color 5EAF86.



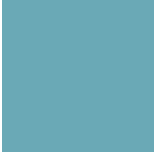
This preview shows how white text looks on a background with the Hex color 5EAF86.

# 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**  
6AA9B6

# Trichromacy



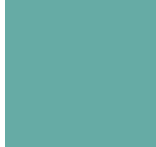
**Original Color**  
5EAF86



**Protanomaly**  
8DA481



**Deuteranomaly**  
95A089



**Tritanomaly**  
66ABA5

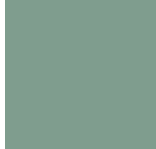
# Monochromacy



**Original Color**  
5EAF86



**Achromatopsia**  
929292



**Achromatomaly**  
7F9D8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EAF86 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 #5EAF86 looks like.

```
.text, #text, p{  
    color:#5EAF86  
}
```

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 #5EAF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAF86  
}
```

## Border

The CSS property to change the border of an element to Hex 5EAF86 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  
#5EAF86 }
```

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

```
.border{ border-color:#5EAF86 }
```

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

Here you see how a box with a 4 pixel #5EAF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAF86; -webkit-box-shadow:4px 4px  
4px 4px #5EAF86; box-shadow:4px 4px 4px  
4px #5EAF86 }
```

# Background

The CSS property to change the background color of an element to Hex 5EAF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAF86 }
```

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

```
.background{ background-color:#5EAF86 }
```

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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