

# Converting Colors

Hex(AEC183)

Have a look what the booklet for  
Hex(AEC183) contains.

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**Color**

**Hex(AEC183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEC183
RGB	174, 193, 131
RGB Percent	68%, 76%, 51%
CMY	0.3176, 0.2431, 0.4863
CMYK	0.10, 0.00, 0.32, 0.24
HSL	78°, 33%, 64%
HSV	78°, 32%, 76%
XYZ	40.6223, 48.7773, 28.7467
YIQ	180.2510, 8.5780, -23.3100

# Conversions

## Conversions Part 2

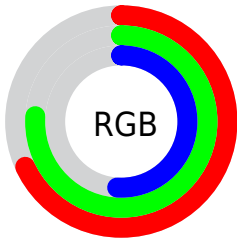
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 193, 150</a>
Decimal	<a href="#">11452803</a>
CIELab	<a href="#">75.31, -16.96, 29.13</a>
CIElCh	<a href="#">75, 33.710, 120.209</a>
Yxy	<a href="#">48.7773, 0.3438, 0.4129</a>
Android (android.graphics.Color)	<a href="#">4289642883 (0xFFAEC183)</a>
YUV	<a href="#">180.2510, -24.2807, -5.4821</a>
Hunter-Lab	<a href="#">69.8407, -18.3983, 24.4846</a>

# Details

The Hex color **AEC183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9683C1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E6F9B9**, and **798B51** is the 20% darker color. If you saturate the color by 10%, you get **A8C170**, and if you desaturate by 10%, it is **B4C196**.

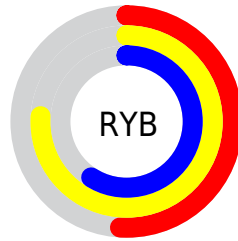
# Distribution



Red (68%)

Green (76%)

Blue (51%)



Red (51%)

Yellow (76%)

Blue (59%)

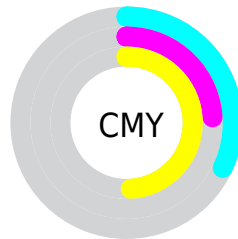


Cyan (10%)

Magenta (0%)

Yellow (32%)

Black (24%)



Cyan (32%)

Magenta (24%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC183 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 AEC183 by changing the saturation by 10% instead.



 AEC183

 AEC183

FFFFFF

 93A669

 E6F9B9

 798B51

 FFFFD4

 5F7239

 FFFFF1

 475922

 2F420B

 1A2C00

 001900

 000000

 AEC183

 AEC183

 A8C170

 B4C196

 A2C15C

 BAC1AA

 9CC149

 C0C1BD

 96C136

 C6C1D0

 90C122

 CCC1E3

 8BC10F

 D1C1F7

 86C100

 D7C1FF

 DDC1FF

 E3C1FF

# Harmonies

## Analogous

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



CFB87B



AEC183



8AC89A

# Triad

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



AEC183



64C5EF



F4A2BA

# Complementary

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



AEC183



9683C1

# Split Complementary

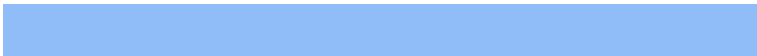
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1A7D9



AEC183



90BCF7

# Square

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



AEC183



51CAD8



BEB1EF



F6A59C

# Rectangle

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



AEC183



71CAAE



BEB1EF



F0A3C5



# Sweetspot

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



AEC183



F2FAE1



C19683



787D6E



FCFCFC



7D7D7D



# Same Dimension

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



AEC183



DCFA98



8FC183



5E6157



6FA100



172100



# Inverse Universe

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



9683C1



B698FA



B583C1



5A5761



3100A1



0A0021



# Previews

## White Background



This preview shows how the Hex color AEC183 looks on a white background.

## Color Contrast Check

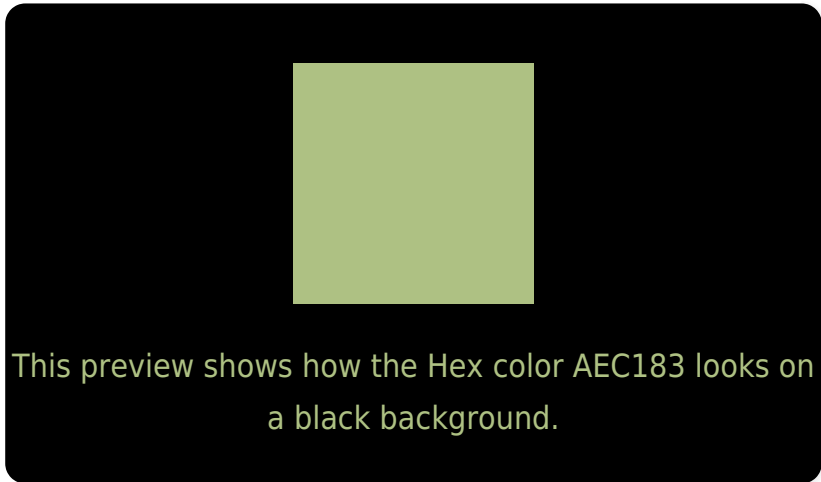
Large Text (above 18pt) WCAG AA × Fail

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

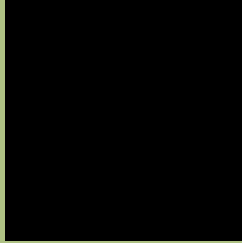
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEC183 Background



This preview shows how black text looks on a background with the Hex color AEC183.

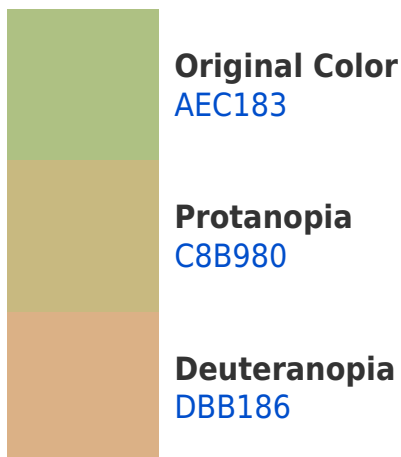


This preview shows how white text looks on a background with the Hex color AEC183.

# 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



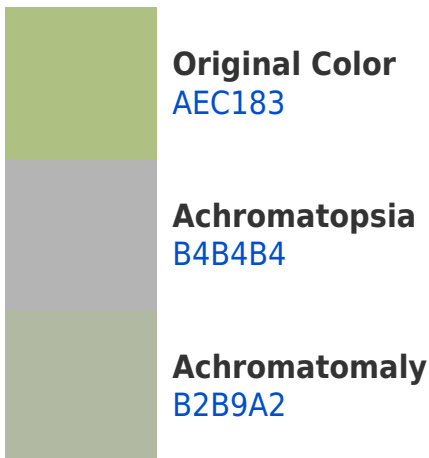


**Tritanopia**  
B7B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC183 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 #AEC183 looks like.

```
.text, #text, p{  
    color:#AEC183  
}
```

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 #AEC183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC183
}
```

## Border

The CSS property to change the border of an element to Hex AEC183 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
#AEC183 }
```

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

```
.border{ border-color:#AEC183 }
```

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

Here you see how a box with a 4 pixel #AEC183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC183; -webkit-box-shadow:4px 4px  
4px 4px #AEC183; box-shadow:4px 4px 4px  
4px #AEC183 }
```

# Background

The CSS property to change the background color of an element to Hex AEC183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC183 }
```

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

```
.background{ background-color:#AEC183 }
```

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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