

# Converting Colors

Hex(AEC091)

Have a look what the booklet for  
Hex(AEC091) contains.

<b>Hex(AEC091)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(AEC091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEC091
RGB	174, 192, 145
RGB Percent	68%, 75%, 57%
CMY	0.3176, 0.2471, 0.4314
CMYK	0.09, 0.00, 0.24, 0.25
HSL	83°, 27%, 66%
HSV	83°, 24%, 75%
XYZ	41.4160, 48.7423, 34.0134
YIQ	181.2600, 4.3590, -18.4330

# Conversions

## Conversions Part 2

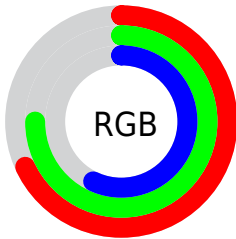
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 192, 163
Decimal	11452561
CIELab	75.29, -14.43, 21.69
CIELCh	75, 26.054, 123.630
Yxy	48.7423, 0.3335, 0.3925
Android (android.graphics.Color)	4289642641 (0xFFAEC091)
YUV	181.2600, -17.8762, -6.3670
Hunter-Lab	69.8157, -16.2877, 19.9856

# Details

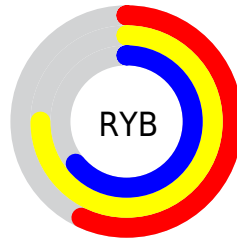
The Hex color **AEC091** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A391C0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E6F8C7**, and **798B5E** is the 20% darker color. If you saturate the color by 10%, you get **A7C07E**, and if you desaturate by 10%, it is **B5C0A4**.

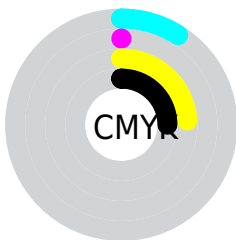
# Distribution



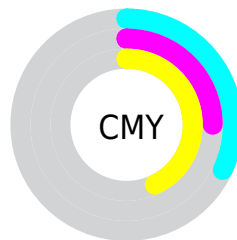
- Red (68%)
- Green (75%)
- Blue (57%)



- Red (57%)
- Yellow (75%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC091 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 AEC091 by changing the saturation by 10% instead.





AEC091



AEC091

FFFFFF



93A577



E6F8C7



798B5E



FFFFE3



607146



48592F



31411A



1B2B01



001800



000000



AEC091



AEC091

 A7C07E

 B5C0A4

 9FC06B

 BDC0B7

 98C057

 C4C0CB

 91C044

 CBC0DE

 89C031

 D3C0F1

 82C01E

 DAC0FF

 7BC00B

 E1C0FF

 76C000

 E9C0FF

 F0C0FF

# Harmonies

## Analogous

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



C8B98A



AEC091



93C5A3

# Triad

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



AEC091



82C2E4



E9A8B7

# Complementary

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



AEC091



A391C0

# 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.



DBABCF



AEC091



A0BBE9

# Square

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



AEC091



73C6D3



C1B2E1



E9AAA0

# Rectangle

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



AEC091



82C7B3



C1B2E1



E6A8C0



# Sweetspot

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



AEC091



F3FAE8



C0A291



797D73



FCFCFC



7D7D7D

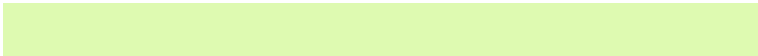


# Same Dimension

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



AEC091



DEFAB1



97C091



5D6157



63A100



142100



# Inverse Universe

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



A391C0



CDB1FA



BA91C0



5B5761



3E00A1



0D0021



# Previews

## White Background



This preview shows how the Hex color AEC091 looks on a white background.

## Color Contrast Check

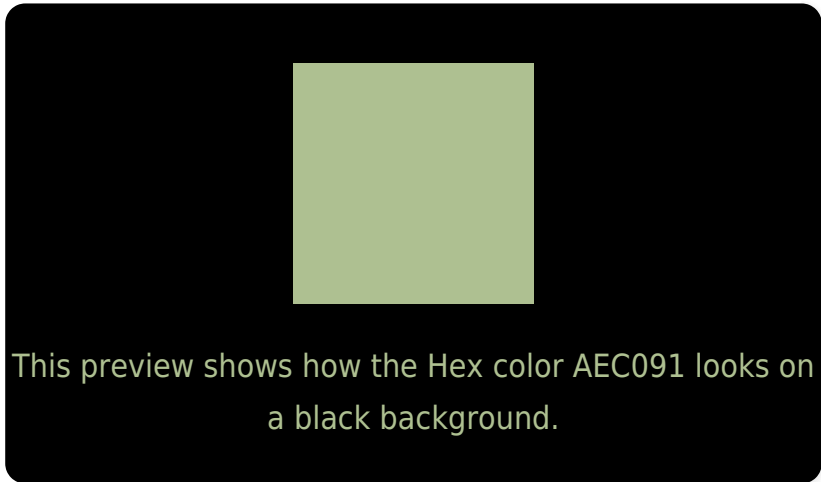
Large Text (above 18pt) WCAG AA × Fail

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

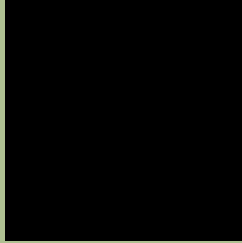
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEC091 Background



This preview shows how black text looks on a background with the Hex color AEC091.

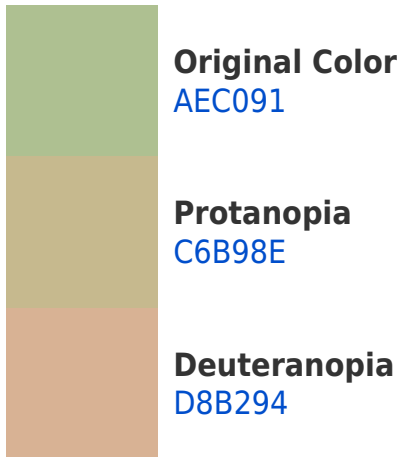


This preview shows how white text looks on a background with the Hex color AEC091.

# 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](#).

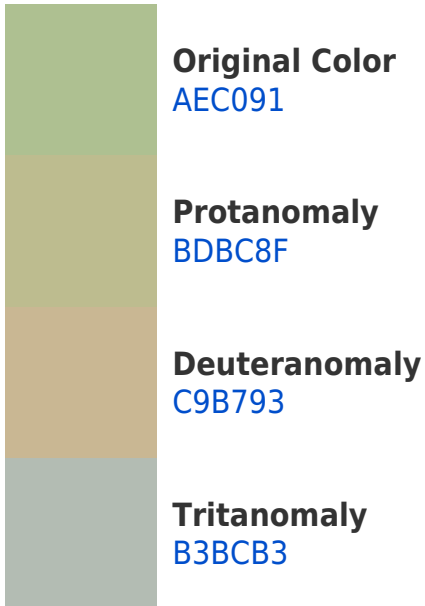
## Dichromacy



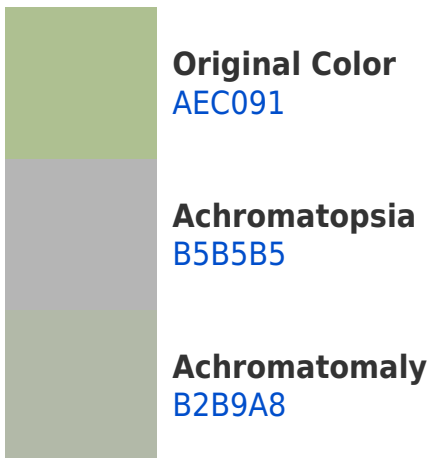


**Tritanopia**  
B6B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC091 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 #AEC091 looks like.

```
.text, #text, p{  
    color:#AEC091  
}
```

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 #AEC091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC091
}
```

## Border

The CSS property to change the border of an element to Hex AEC091 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
#AEC091 }
```

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

```
.border{ border-color:#AEC091 }
```

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

Here you see how a box with a 4 pixel #AEC091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC091; -webkit-box-shadow:4px 4px  
4px 4px #AEC091; box-shadow:4px 4px 4px  
4px #AEC091 }
```

# Background

The CSS property to change the background color of an element to Hex AEC091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC091 }
```

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

```
.background{ background-color:#AEC091 }
```

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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