

# Converting Colors

Hex(6AEA8E)

Have a look what the booklet for  
Hex(6AEA8E) contains.

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# Color

**Hex(6AEA8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AEA8E
RGB	106, 234, 142
RGB Percent	42%, 92%, 56%
CMY	0.5843, 0.0824, 0.4431
CMYK	0.55, 0.00, 0.39, 0.08
HSL	137°, 75%, 67%
HSV	137°, 55%, 92%
XYZ	40.2492, 63.8628, 35.7966
YIQ	185.2400, -46.7560, -55.7480

# Conversions

## Conversions Part 2

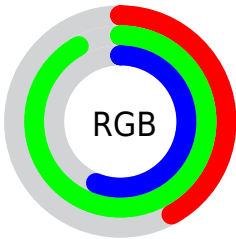
Format	Color
<a href="#">RYB</a>	<a href="#">106, 206, 234</a>
Decimal	<a href="#">7006862</a>
CIELab	<a href="#">83.89, -55.11, 34.20</a>
CIElCh	<a href="#">84, 64.856, 148.179</a>
Yxy	<a href="#">63.8628, 0.2877, 0.4565</a>
Android (android.graphics.Color)	<a href="#">4285196942 (0xFF6AEA8E)</a>
YUV	<a href="#">185.2400, -21.3173, -69.4935</a>
Hunter-Lab	<a href="#">79.9142, -49.9475, 29.3817</a>

# Details

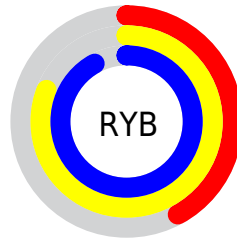
The Hex color **6AEA8E** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EA6AC6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A6FFC4**, and **25B15A** is the 20% darker color. If you saturate the color by 10%, you get **53EA7D**, and if you desaturate by 10%, it is **81EA9F**.

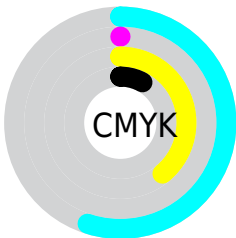
# Distribution



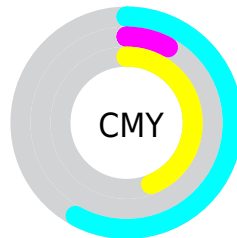
- Red (42%)
- Green (92%)
- Blue (56%)



- Red (42%)
- Yellow (81%)
- Blue (92%)



- Cyan (55%)
- Magenta (0%)
- Yellow (39%)
- Black (8%)



- Cyan (58%)
- Magenta (8%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AEA8E 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 6AEA8E by changing the saturation by 10% instead.



 6AEA8E

 6AEA8E

FFFFFF

 4BCD74

 A6FFC4

 25B15A

 C3FFE1

 009642

 E1FFFE

 007B2A

 006111

 004800

 003100

 001600

 000000

 6AEA8E

 6AEA8E

 53EA7D

 81EA9F

 3BEA6C

 99EAB0

 24EA5C

 B0EAC0

 0CEA4B

 C8EAD1

 00EA42

 DFEAE2

 F6EAF3

 FFEAFF

# Harmonies

## Analogous

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



BADF60



6AEA8E



00EFCB

# Triad

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



6AEA8E



41D9FF



FFA29B

# Complementary

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



6AEA8E



EA6AC6

# 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.



FF9CD7



6AEA8E



CEC3FF

# Square

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



6AEA8E



00E8FF



FFAAFF



FFB66A

# Rectangle

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



6AEA8E



00F0F5



FFAAFF



FF9DAE

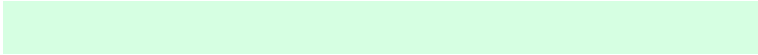


# Sweetspot

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



6AEA8E



D6FFE2



C8EA6A



67806E



000000



808080



# Same Dimension

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



6AEA8E



57FF86



6AEACC



6A756D



00B533



00360F



# Inverse Universe

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



EA6AC6



FF57D0



EA6A88



756A72



B50082

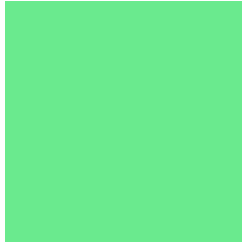


360026



# Previews

## White Background



This preview shows how the Hex color 6AEA8E 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



This preview shows how the Hex color 6AEA8E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

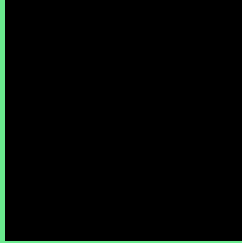
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AEA8E Background



This preview shows how black text looks on a background with the Hex color 6AEA8E.

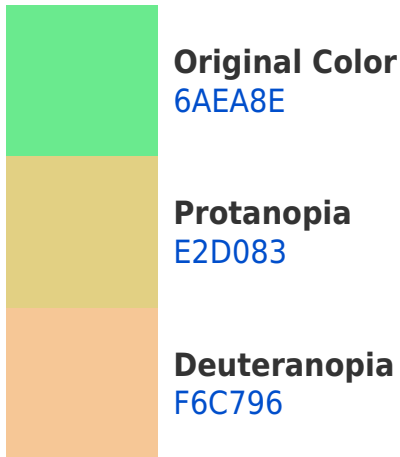


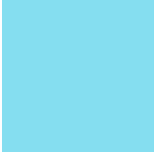
This preview shows how white text looks on a background with the Hex color 6AEA8E.

# 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



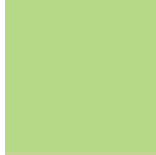


**Tritanopia**  
84DEF0

# Trichromacy



**Original Color**  
6AEA8E



**Protanomaly**  
B6D987



**Deuteranomaly**  
C3D493



**Tritanomaly**  
7BE2CC

# Monochromacy



**Original Color**  
6AEA8E



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
9CCBA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AEA8E 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 #6AEA8E looks like.

```
.text, #text, p{  
    color:#6AEA8E  
}
```

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 #6AEA8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AEA8E
}
```

## Border

The CSS property to change the border of an element to Hex 6AEA8E 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
#6AEA8E }
```

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

```
.border{ border-color:#6AEA8E }
```

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

Here you see how a box with a 4 pixel #6AEA8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AEA8E; -webkit-box-shadow:4px 4px  
4px 4px #6AEA8E; box-shadow:4px 4px 4px  
4px #6AEA8E }
```

# Background

The CSS property to change the background color of an element to Hex 6AEA8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AEA8E }
```

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

```
.background{ background-color:#6AEA8E }
```

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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