

# Converting Colors

Hex(65EC8A)

Have a look what the booklet for  
Hex(65EC8A) contains.

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# **Color**

**Hex(65EC8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65EC8A
RGB	101, 236, 138
RGB Percent	40%, 93%, 54%
CMY	0.6039, 0.0745, 0.4588
CMYK	0.57, 0.00, 0.42, 0.07
HSL	136°, 78%, 66%
HSV	136°, 57%, 93%
XYZ	39.9497, 64.5926, 34.4068
YIQ	184.4630, -49.0020, -59.0980

# Conversions

## Conversions Part 2

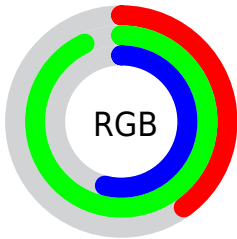
Format	Color
<a href="#">RYB</a>	<a href="#">101, 207, 236</a>
Decimal	<a href="#">6679690</a>
CIELab	<a href="#">84.27, -57.68, 36.66</a>
CIElCh	<a href="#">84, 68.340, 147.559</a>
Yxy	<a href="#">64.5926, 0.2875, 0.4649</a>
Android (android.graphics.Color)	<a href="#">4284869770 (0xFF65EC8A)</a>
YUV	<a href="#">184.4630, -22.9063, -73.1971</a>
Hunter-Lab	<a href="#">80.3695, -51.9186, 30.8762</a>

# Details

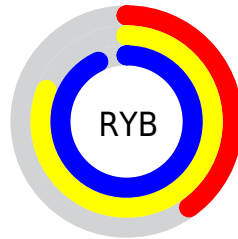
The Hex color **65EC8A** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EC65C7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A2FFC0**, and **19B356** is the 20% darker color. If you saturate the color by 10%, you get **4DEC79**, and if you desaturate by 10%, it is **7DEC9B**.

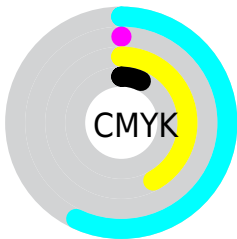
# Distribution



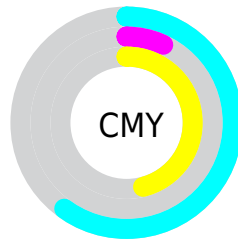
- Red (40%)
- Green (93%)
- Blue (54%)



- Red (40%)
- Yellow (81%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65EC8A 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 65EC8A by changing the saturation by 10% instead.



 65EC8A

 65EC8A

FFFFFF

 44CF70

 A2FFC0

 19B356

 BFFFDD

 00983E

 DEFFF9

 007D25

 FCFFF

 00630A

 004900

 003200

 001800

 000000

 65EC8A

 65EC8A

 4DEC79

 7DEC9B

 36EC68

 94ECAC

 1EEC57

 ACECBD

 07EC45

 C3ECCF

 00EC41

 DBECE0

 F3ECF1

 FFECFF

# Harmonies

## Analogous

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



BBE059



65EC8A



00F2CB

# Triad

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



65EC8A



0FD8FF



FF999A

# Complementary

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



65EC8A



EC65C7

# 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.



FF99DA



65EC8A



CCC3FF

# Square

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



65EC8A



00EAFB



FFA9FF



FFB566

# Rectangle

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



65EC8A



00F2F7



FFA9FF



FF9AAF

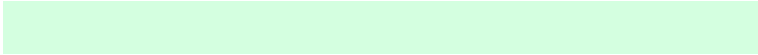


# Sweetspot

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



65EC8A



D4FFE0



C8EC65



66806D



000000



808080



# Same Dimension

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



65EC8A



4FFF7F



65ECCC



6A756D



00B532



00360F



# Inverse Universe

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



EC65C7



FF4FCF



EC6584



756A72



B50083

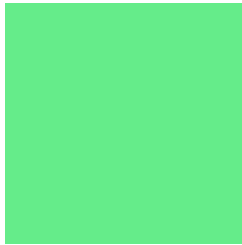


360027



# Previews

## White Background



This preview shows how the Hex color 65EC8A 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 65EC8A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

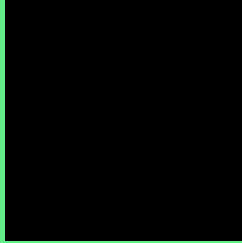
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65EC8A Background



This preview shows how black text looks on a background with the Hex color 65EC8A.

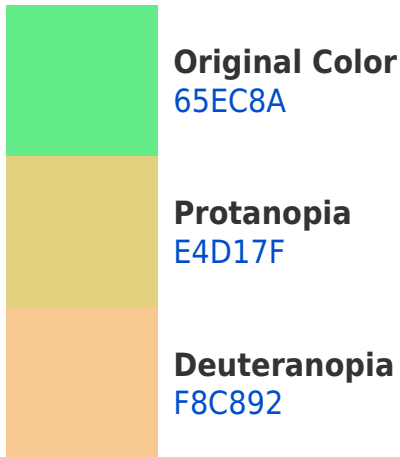


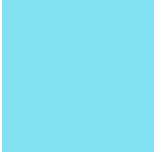
This preview shows how white text looks on a background with the Hex color 65EC8A.

# 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**  
81E0F2

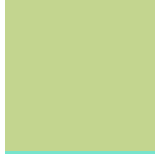
# Trichromacy



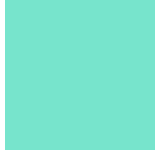
**Original Color**  
65EC8A



**Protanomaly**  
B6DB83



**Deuteranomaly**  
C3D58F

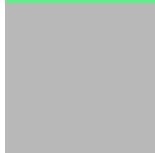


**Tritanomaly**  
77E4CC

# Monochromacy



**Original Color**  
65EC8A



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
9ACBA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65EC8A 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 #65EC8A looks like.

```
.text, #text, p{  
    color:#65EC8A  
}
```

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 #65EC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65EC8A
}
```

## Border

The CSS property to change the border of an element to Hex 65EC8A 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
#65EC8A }
```

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

```
.border{ border-color:#65EC8A }
```

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

Here you see how a box with a 4 pixel #65EC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65EC8A; -webkit-box-shadow:4px 4px  
4px 4px #65EC8A; box-shadow:4px 4px 4px  
4px #65EC8A }
```

# Background

The CSS property to change the background color of an element to Hex 65EC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65EC8A }
```

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

```
.background{ background-color:#65EC8A }
```

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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