

# Converting Colors

Hex(65E8BA)

Have a look what the booklet for  
Hex(65E8BA) contains.

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# Color

**Hex(65E8BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65E8BA
RGB	101, 232, 186
RGB Percent	40%, 91%, 73%
CMY	0.6039, 0.0902, 0.2706
CMYK	0.56, 0.00, 0.20, 0.09
HSL	159°, 74%, 65%
HSV	159°, 56%, 91%
XYZ	43.0864, 64.0251, 56.5416
YIQ	187.5870, -63.3100, -42.0780

# Conversions

## Conversions Part 2

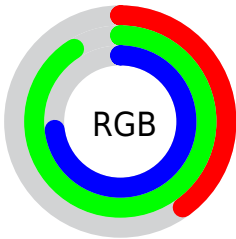
Format	Color
<a href="#">RYB</a>	<a href="#">101, 180, 232</a>
Decimal	<a href="#">6678714</a>
CIELab	<a href="#">83.98, -46.85, 11.62</a>
CIELCh	<a href="#">84, 48.270, 166.068</a>
Yxy	<a href="#">64.0251, 0.2633, 0.3912</a>
Android (android.graphics.Color)	<a href="#">4284868794 (0xFF65E8BA)</a>
YUV	<a href="#">187.5870, -0.7824, -75.9368</a>
Hunter-Lab	<a href="#">80.0157, -43.9098, 14.1148</a>

# Details

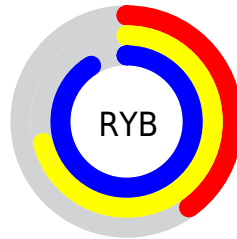
The Hex color **65E8BA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **E86593**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A1FFF2**, and **1BB085** is the 20% darker color. If you saturate the color by 10%, you get **4EE8B2**, and if you desaturate by 10%, it is **7CE8C2**.

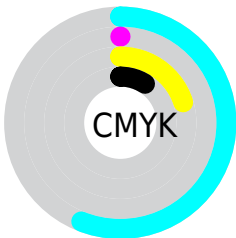
# Distribution



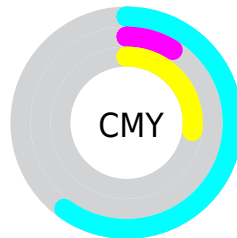
- Red (40%)
- Green (91%)
- Blue (73%)



- Red (40%)
- Yellow (71%)
- Blue (91%)



- Cyan (56%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (60%)
- Magenta (9%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65E8BA 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 65E8BA by changing the saturation by 10% instead.



 65E8BA

 65E8BA

FFFFFF

 45CB9F

 A1FFF2

 1BB085

 BFFFFFF

 00946C

 DDFFFF

 007A53

 FBFFFF

 00603C

 004726

 003012

 001600

 000000

 65E8BA

 65E8BA

 4EE8B2

 7CE8C2

 37E8AA

 93E8CA

 1FE8A2

 ABE8D2

 08E899

 C2E8DB

 00E897

 D9E8E3

 F0E8EB

 FFE8F3

 FFE8FB

 FFE8FF

# Harmonies

## Analogous

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



A3E291



65E8BA



00E9E9

# Triad

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



65E8BA



B6CEFF



FFB892

# Complementary

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



65E8BA



E86593

# 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.



FFAEBA



65E8BA



F5BDFF

# Square

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



65E8BA



60DCFF



FFB0E9



FFC779

# Rectangle

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



65E8BA



00E8FF



FFB0E9



FFB39E

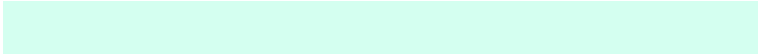


# Sweetspot

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



65E8BA



D4FFF0



95E865



668077



000000



808080



# Same Dimension

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



65E8BA



52FFC2



65D7E8



67736F



00B374



003321



# Inverse Universe

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



E86593



FF528E



E87665



73676B



B3003F

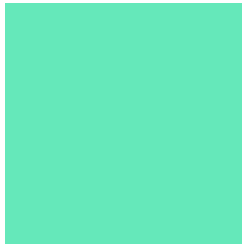


330012



# Previews

## White Background



This preview shows how the Hex color 65E8BA 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 65E8BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

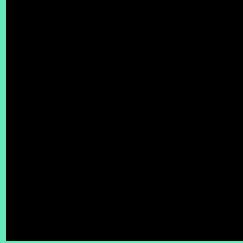
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65E8BA Background



This preview shows how black text looks on a background with the Hex color 65E8BA.

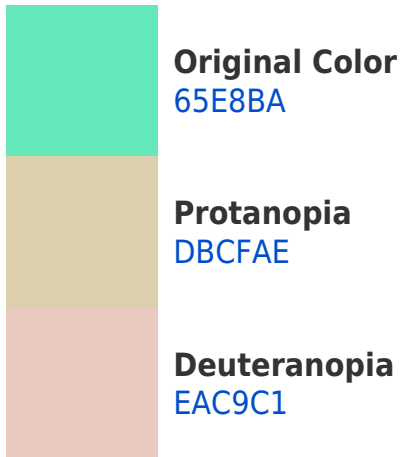


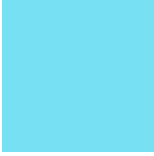
This preview shows how white text looks on a background with the Hex color 65E8BA.

# 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**  
77E0F2

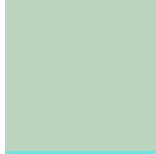
# Trichromacy



**Original Color**  
65E8BA



**Protanomaly**  
B0D8B2



**Deuteranomaly**  
BAD4BE

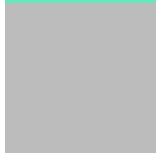


**Tritanomaly**  
70E3DE

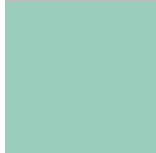
# Monochromacy



**Original Color**  
65E8BA



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
9CCCBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65E8BA 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 #65E8BA looks like.

```
.text, #text, p{  
    color:#65E8BA  
}
```

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 #65E8BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E8BA
}
```

## Border

The CSS property to change the border of an element to Hex 65E8BA 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
#65E8BA }
```

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

```
.border{ border-color:#65E8BA }
```

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

Here you see how a box with a 4 pixel #65E8BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E8BA; -webkit-box-shadow:4px 4px  
4px 4px #65E8BA; box-shadow:4px 4px 4px  
4px #65E8BA }
```

# Background

The CSS property to change the background color of an element to Hex 65E8BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E8BA }
```

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

```
.background{ background-color:#65E8BA }
```

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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