

# Converting Colors

Hex(6EE5C6)

Have a look what the booklet for  
Hex(6EE5C6) contains.

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**Color**

**Hex(6EE5C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EE5C6
RGB	110, 229, 198
RGB Percent	43%, 90%, 78%
CMY	0.5686, 0.1020, 0.2235
CMYK	0.52, 0.00, 0.14, 0.10
HSL	164°, 70%, 66%
HSV	164°, 52%, 90%
XYZ	44.6428, 63.4308, 63.3165
YIQ	189.8850, -60.9730, -34.8690

# Conversions

## Conversions Part 2

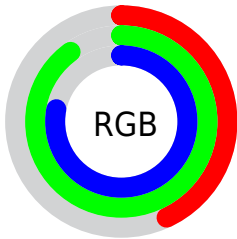
Format	Color
<a href="#">RYB</a>	<a href="#">110, 178, 229</a>
Decimal	<a href="#">7267782</a>
CIELab	<a href="#">83.67, -40.94, 4.91</a>
CIElCh	<a href="#">84, 41.235, 173.166</a>
Yxy	<a href="#">63.4308, 0.2605, 0.3701</a>
Android (android.graphics.Color)	<a href="#">4285457862</a> ( <a href="#">0xFF6EE5C6</a> )
YUV	<a href="#">189.8850, 4.0007, -70.0591</a>
Hunter-Lab	<a href="#">79.6435, -39.3210, 8.6149</a>

# Details

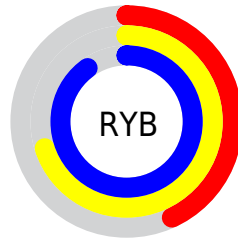
The Hex color **6EE5C6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E56E8D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A9FFFF**, and **2DAD90** is the 20% darker color. If you saturate the color by 10%, you get **57E5C0**, and if you desaturate by 10%, it is **85E5CC**.

# Distribution



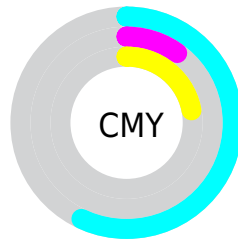
- Red (43%)
- Green (90%)
- Blue (78%)



- Red (43%)
- Yellow (70%)
- Blue (90%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (57%)
- Magenta (10%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EE5C6 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 6EE5C6 by changing the saturation by 10% instead.



 6EE5C6

 6EE5C6

FFFFFF

 4FC9AB

 A9FFFF

 2DAD90

 C6FFFF

 009277

 E4FFFF

 00775E

 005E46

 004530

 002E1B

 001501

 000000

 6EE5C6

 6EE5C6

 57E5C0

 85E5CC

 40E5BA

 9CE5D2

 29E5B4

 B3E5D8

 12E5AE

 CAE5DE

 00E5A9

 E1E5E4

 F7E5EA

 FFE5F0

 FFE5F6

 FFE5FC

# Harmonies

## Analogous

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



9FE0A1



6EE5C6



42E5EE

# Triad

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



6EE5C6



C9CAFF



FFBE94

# Complementary

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



6EE5C6



E56E8D

# 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.



FFB4B4



6EE5C6



F9BCFF

# Square

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



6EE5C6



8BD7FF



FFB3DB



F3CB83

# Rectangle

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



6EE5C6



41E3FF



FFB3DB



FFBA9D

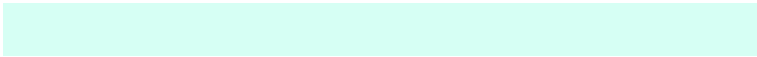


# Sweetspot

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



6EE5C6



D6FFF4



8EE56E



678079



000000



808080



# Same Dimension

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



6EE5C6



61FFD6



6EC9E5



677370



00B384



003326



# Inverse Universe

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



E56E8D



FF618A



E58A6E



73676A



B3002E

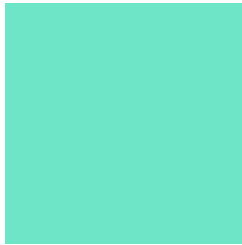


33000D



# Previews

## White Background



This preview shows how the Hex color 6EE5C6 looks on a white background.

## Color Contrast Check

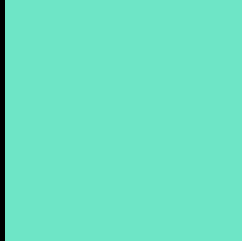
Large Text (above 18pt) WCAG AA × Fail

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 6EE5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

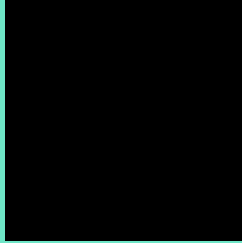
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

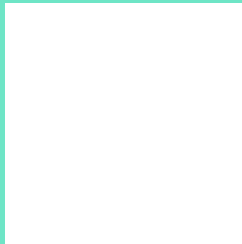
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EE5C6 Background



This preview shows how black text looks on a background with the Hex color 6EE5C6.



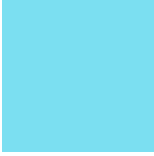
This preview shows how white text looks on a background with the Hex color 6EE5C6.

# 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



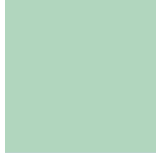


**Tritanopia**  
7BDF1

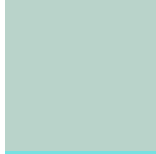
# Trichromacy



**Original Color**  
6EE5C6



**Protanomaly**  
B1D6BE



**Deuteranomaly**  
B9D3CA

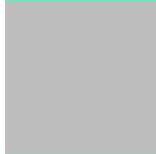


**Tritanomaly**  
76E1E1

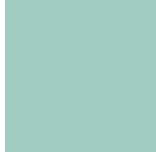
# Monochromacy



**Original Color**  
6EE5C6



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A1CCC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EE5C6 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 #6EE5C6 looks like.

```
.text, #text, p{  
    color:#6EE5C6  
}
```

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 #6EE5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE5C6
}
```

## Border

The CSS property to change the border of an element to Hex 6EE5C6 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
#6EE5C6 }
```

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

```
.border{ border-color:#6EE5C6 }
```

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

Here you see how a box with a 4 pixel #6EE5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE5C6; -webkit-box-shadow:4px 4px  
4px 4px #6EE5C6; box-shadow:4px 4px 4px  
4px #6EE5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 6EE5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE5C6 }
```

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

```
.background{ background-color:#6EE5C6 }
```

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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