

# Converting Colors

Hex(6CEE8E)

Have a look what the booklet for  
Hex(6CEE8E) contains.

|  |    |
|--|----|
| <b>Hex(6CEE8E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(6CEE8E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6CEE8E                       |
| RGB         | 108, 238, 142                |
| RGB Percent | 42%, 93%, 56%                |
| CMY         | 0.5765, 0.0667, 0.4431       |
| CMYK        | 0.55, 0.00, 0.40, 0.07       |
| HSL         | 136°, 79%, 68%               |
| HSV         | 136°, 55%, 93%               |
| XYZ         | 41.6414, 66.2902, 36.1917    |
| YIQ         | 188.1860, -46.6640, -57.4160 |

# Conversions

## Conversions Part 2

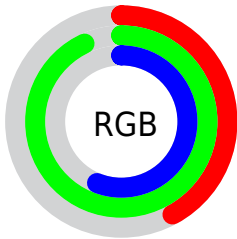
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">108, 211, 238</a>                    |
| Decimal                             | <a href="#">7138958</a>                          |
| CIELab                              | <a href="#">85.14, -56.22, 35.85</a>             |
| CIELCh                              | <a href="#">85, 66.671, 147.477</a>              |
| Yxy                                 | <a href="#">66.2902, 0.2889,<br/>0.4600</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285329038<br/>(0xFF6CEE8E)</a>      |
| YUV                                 | <a href="#">188.1860, -22.7697,<br/>-70.3231</a> |
| Hunter-Lab                          | <a href="#">81.4188, -51.1897,<br/>30.6380</a>   |

# Details

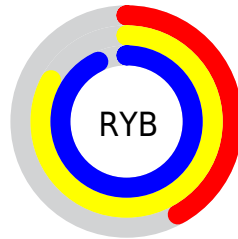
The Hex color **6CEE8E** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EE6CCC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A8FFC5**, and **27B55A** is the 20% darker color. If you saturate the color by 10%, you get **54EE7C**, and if you desaturate by 10%, it is **84EEA0**.

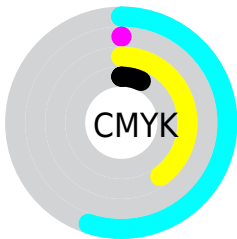
# Distribution



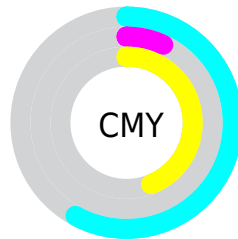
- Red (42%)
- Green (93%)
- Blue (56%)



- Red (42%)
- Yellow (83%)
- Blue (93%)



- Cyan (55%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (58%)
- Magenta (7%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CEE8E 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 6CEE8E by changing the saturation by 10% instead.



 6CEE8E

FFFFFF

 A8FFC5


 C6FFE1

 E4FFFE

 6CEE8E

 4DD174

 27B55A

 009942

 007F29

 006510

 004B00

 003400

 001B00

 000000

 6CEE8E

 6CEE8E

 54EE7C

 84EEA0

 3CEE6B

 9CEE81

 25EE59

 B3EEC3

 0DEE48

 CBEED4

 00EE3E

 E3EEE6

 FBEEF7

 FFEFFF

# Harmonies

## Analogous

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



BEE25E



6CEE8E



00F4CD

# Triad

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



6CEE8E



32DDFF



FFA39E

# Complementary

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



6CEE8E



EE6CCC

# 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.



FF9EDD



6CEE8E



CFC6FF

# Square

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



6CEE8E



00ECFF



FFADFF



FFB86B

# Rectangle

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



6CEE8E



00F4F9



FFADFF



FF9FB2

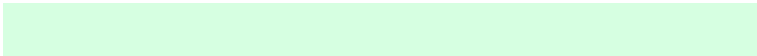


# Sweetspot

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



6CEE8E



D6FFE1



CDEE6C



67806E



000000



808080



# Same Dimension

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



6CEE8E



57FF83



6CEECD



6C786F



00B830



00380F



# Inverse Universe

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



EE6CCC



FF57D3



EE6C8C



786C75



B80088

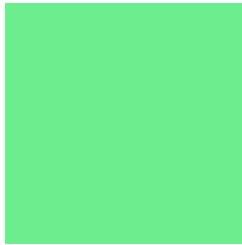


380029



# Previews

## White Background



This preview shows how the Hex color 6CEE8E looks on a white background.

## Color Contrast Check

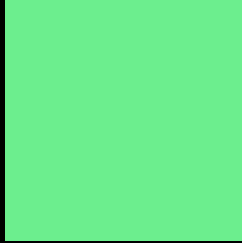
Large Text (above 18pt) WCAG AA × Fail

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 6CEE8E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

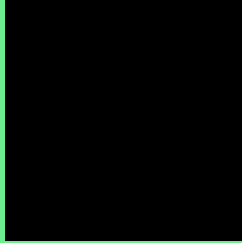
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CEE8E Background



This preview shows how black text looks on a background with the Hex color 6CEE8E.

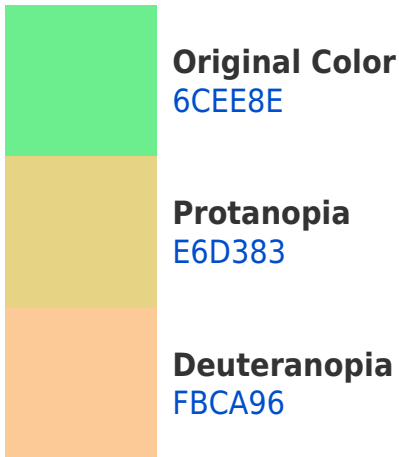


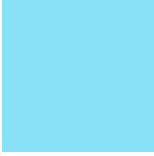
This preview shows how white text looks on a background with the Hex color 6CEE8E.

# 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**  
86E2F4

# Trichromacy



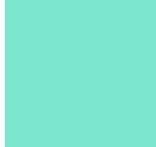
**Original Color**  
6CEE8E



**Protanomaly**  
BADD87



**Deuteranomaly**  
C7D793



**Tritanomaly**  
7DE6CF

# Monochromacy



**Original Color**  
6CEE8E



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
9FCEAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CEE8E 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 #6CEE8E looks like.

```
.text, #text, p{  
    color:#6CEE8E  
}
```

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 #6CEE8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CEE8E
}
```

## Border

The CSS property to change the border of an element to Hex 6CEE8E 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
#6CEE8E }
```

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

```
.border{ border-color:#6CEE8E }
```

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

Here you see how a box with a 4 pixel #6CEE8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CEE8E; -webkit-box-shadow:4px 4px  
4px 4px #6CEE8E; box-shadow:4px 4px 4px  
4px #6CEE8E }
```

# Background

The CSS property to change the background color of an element to Hex 6CEE8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CEE8E }
```

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

```
.background{ background-color:#6CEE8E }
```

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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