

# Converting Colors

Hex(8CE1A5)

Have a look what the booklet for  
Hex(8CE1A5) contains.

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**Color**

**Hex(8CE1A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CE1A5
RGB	140, 225, 165
RGB Percent	55%, 88%, 65%
CMY	0.4510, 0.1176, 0.3529
CMYK	0.38, 0.00, 0.27, 0.12
HSL	138°, 59%, 72%
HSV	138°, 38%, 88%
XYZ	44.5320, 62.1425, 45.2449
YIQ	192.7450, -31.4000, -36.6800

# Conversions

## Conversions Part 2

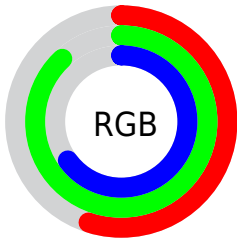
Format	Color
<a href="#">RYB</a>	<a href="#">140, 206, 225</a>
Decimal	<a href="#">9232805</a>
CIELab	<a href="#">82.99, -38.34, 21.43</a>
CIELCh	<a href="#">83, 43.916, 150.799</a>
Yxy	<a href="#">62.1425, 0.2931, 0.4090</a>
Android (android.graphics.Color)	<a href="#">4287422885 (0xFF8CE1A5)</a>
YUV	<a href="#">192.7450, -13.6783, -46.2574</a>
Hunter-Lab	<a href="#">78.8305, -37.1174, 21.1517</a>

# Details

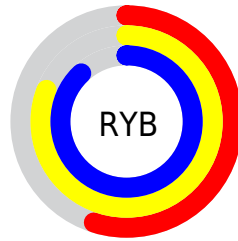
The Hex color **8CE1A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E18CC8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C4FFDC**, and **55A971** is the 20% darker color. If you saturate the color by 10%, you get **76E195**, and if you desaturate by 10%, it is **A3E1B5**.

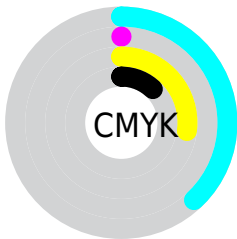
# Distribution



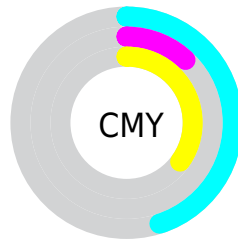
- Red (55%)
- Green (88%)
- Blue (65%)



- Red (55%)
- Yellow (81%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CE1A5 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 8CE1A5 by changing the saturation by 10% instead.



 8CE1A5

 8CE1A5

FFFFFF

 71C58B

 C4FFDC

 55A971

 E1FFF9

 3A8E58

FEFFFF

 1B7440

 005B2A

 004314

 002C00

 001200

 000000

 8CE1A5

 8CE1A5

 76E195

 A3E1B5

 5FE185

 B9E1C5

 49E175

 D0E1D5

 32E165

 E6E1E5

 1CE156

 FDE1F4

 05E146

 FFE1FF

 00E142

# Harmonies

## Analogous

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



BED986



8CE1A5



53E5CE

# Triad

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



8CE1A5



94D2FF



FFB2A6

# Complementary

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



8CE1A5



E18CC8

# 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.



FFAECF



8CE1A5



D5C4FF

# Square

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



8CE1A5



48DEFF



FFB5F8



FFBE88

# Rectangle

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



8CE1A5



26E5EB



FFB5F8



FFB0B3

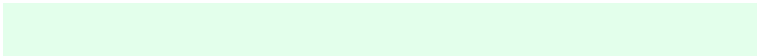


# Sweetspot

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



8CE1A5



E3FFEB



C9E18C



6F8074



000000



808080

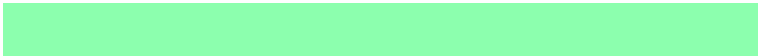


# Same Dimension

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



8CE1A5



8CFFAE



8CE1CF



657068



00B034



00300E



# Inverse Universe

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



E18CC8



FF8CDD



E18C9E



70656D



B0007C

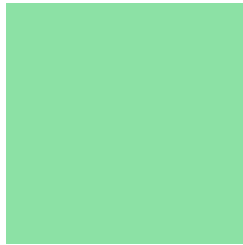


300022



# Previews

## White Background



This preview shows how the Hex color 8CE1A5 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 8CE1A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

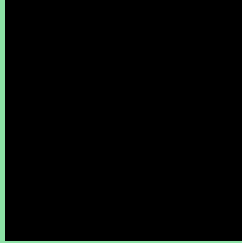
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CE1A5 Background



This preview shows how black text looks on a background with the Hex color 8CE1A5.

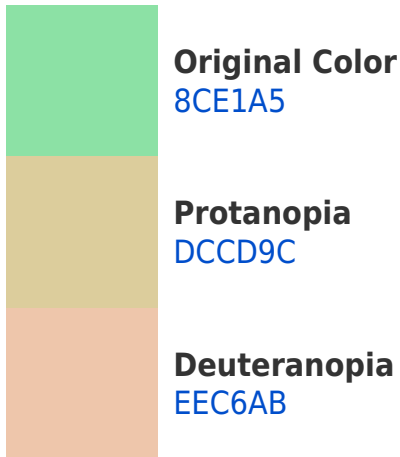


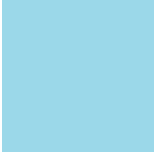
This preview shows how white text looks on a background with the Hex color 8CE1A5.

# 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](#).

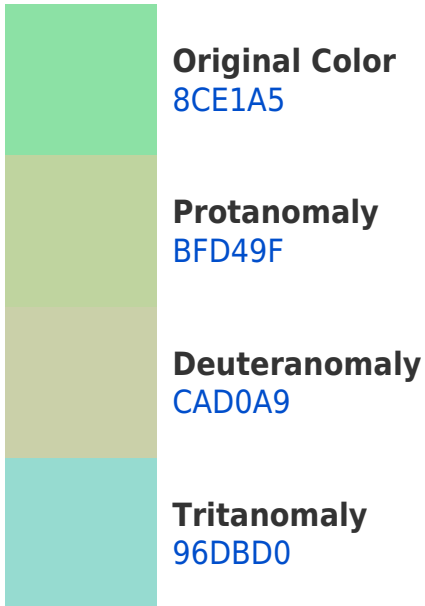
## Dichromacy



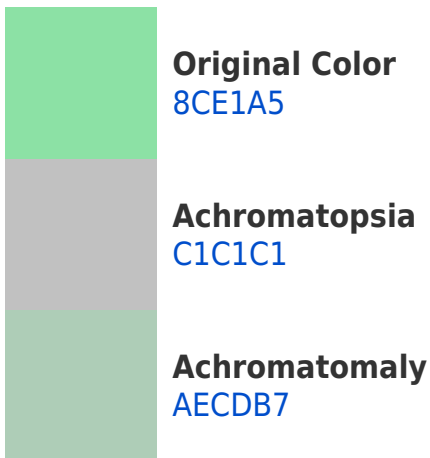


**Tritanopia**  
9BD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CE1A5 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 #8CE1A5 looks like.

```
.text, #text, p{  
    color:#8CE1A5  
}
```

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 #8CE1A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CE1A5
}
```

## Border

The CSS property to change the border of an element to Hex 8CE1A5 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
#8CE1A5 }
```

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

```
.border{ border-color:#8CE1A5 }
```

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

Here you see how a box with a 4 pixel #8CE1A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CE1A5; -webkit-box-shadow:4px 4px  
4px 4px #8CE1A5; box-shadow:4px 4px 4px  
4px #8CE1A5 }
```

# Background

The CSS property to change the background color of an element to Hex 8CE1A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CE1A5 }
```

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

```
.background{ background-color:#8CE1A5 }
```

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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