

# Converting Colors

Hex(99E6D5)

Have a look what the booklet for  
Hex(99E6D5) contains.

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# **Color**

**Hex(99E6D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E6D5
RGB	153, 230, 213
RGB Percent	60%, 90%, 84%
CMY	0.4000, 0.0980, 0.1647
CMYK	0.33, 0.00, 0.07, 0.10
HSL	167°, 61%, 75%
HSV	167°, 33%, 90%
XYZ	53.4439, 68.1700, 73.2921
YIQ	205.0390, -40.4350, -21.6110

# Conversions

## Conversions Part 2

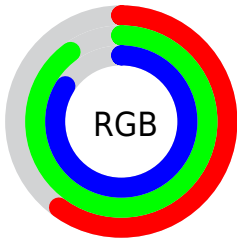
Format	Color
<a href="#">RYB</a>	<a href="#">153, 196, 230</a>
Decimal	<a href="#">10086101</a>
CIELab	<a href="#">86.09, -27.36, 0.74</a>
CIELCh	<a href="#">86, 27.370, 178.449</a>
Yxy	<a href="#">68.1700, 0.2742, 0.3498</a>
Android (android.graphics.Color)	<a href="#">4288276181 (0xFF99E6D5)</a>
YUV	<a href="#">205.0390, 3.9248, -45.6382</a>
Hunter-Lab	<a href="#">82.5651, -28.9470, 5.1645</a>

# Details

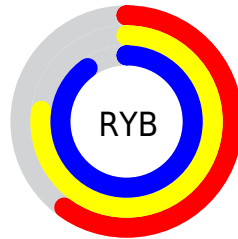
The Hex color **99E6D5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E699AA**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D2FFFF**, and **62AE9E** is the 20% darker color. If you saturate the color by 10%, you get **82E6D0**, and if you desaturate by 10%, it is **B0E6DA**.

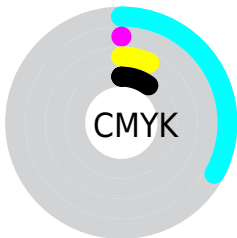
# Distribution



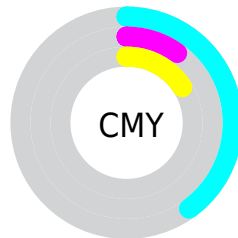
- Red (60%)
- Green (90%)
- Blue (84%)



- Red (60%)
- Yellow (77%)
- Blue (90%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E6D5 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 99E6D5 by changing the saturation by 10% instead.



 99E6D5

 99E6D5

FFFFFF

 7ECAB9

 D2FFFF

 62AE9E

 EFFFFFF

 479384

 2B796B

 066053

 00483C

 003126

 001E12

 000000

 99E6D5

 99E6D5

 82E6D0

 B0E6DA

 6BE6CB

 C7E6DF

 54E6C6

 DEE6E4

 3DE6C1

 F5E6E9

 26E6BC

 FFE6EE

 0FE6B7

 FFE6F3

 00E6B3

 FFE6F9

 FFE6FE

 FFE6FF

# Harmonies

## Analogous

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



B3E3BB



99E6D5



8DE5EF

# Triad

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



99E6D5



DAD1FF



FFCDAC

# Complementary

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



99E6D5



E699AA

# 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.



FFC6C0



99E6D5



F8C9F3

# Square

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



99E6D5



B6DAFF



FFC5DA



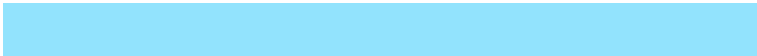
ECD5A4

# Rectangle

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



99E6D5



92E3FD



FFC5DA



FFCAB2



# Sweetspot

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



99E6D5



E6FFF9



ABE699



70807C



000000



808080

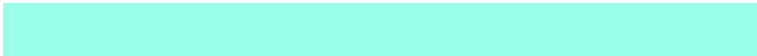


# Same Dimension

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



99E6D5



99FFE8



99D1E6



677370



00B38B



003328



# Inverse Universe

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



E699AA



FF99B0



E6AE99



73676A



B30027

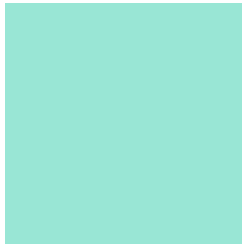


33000B



# Previews

## White Background



This preview shows how the Hex color 99E6D5 looks on a white background.

## Color Contrast Check

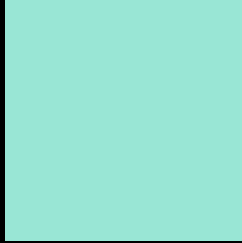
Large Text (above 18pt) WCAG AA × Fail

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 99E6D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

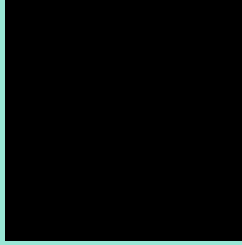
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

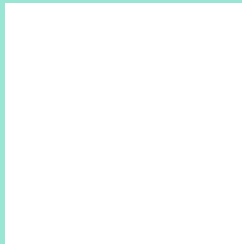
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99E6D5 Background



This preview shows how black text looks on a background with the Hex color 99E6D5.

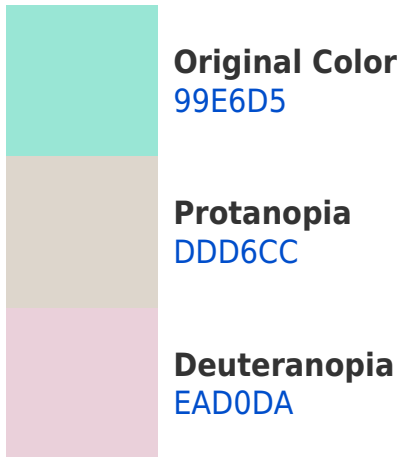


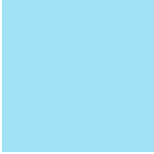
This preview shows how white text looks on a background with the Hex color 99E6D5.

# 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



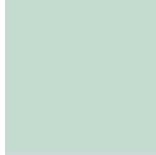


**Tritanopia**  
A0E1F4

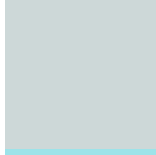
# Trichromacy



**Original Color**  
99E6D5



**Protanomaly**  
C4DCCF



**Deuteranomaly**  
CDD8D8

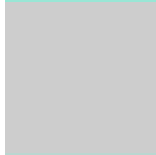


**Tritanomaly**  
9DE3E9

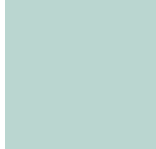
# Monochromacy



**Original Color**  
99E6D5



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
BAD6D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E6D5 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 #99E6D5 looks like.

```
.text, #text, p{  
    color:#99E6D5  
}
```

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 #99E6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E6D5
}
```

## Border

The CSS property to change the border of an element to Hex 99E6D5 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
#99E6D5 }
```

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

```
.border{ border-color:#99E6D5 }
```

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

Here you see how a box with a 4 pixel #99E6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E6D5; -webkit-box-shadow:4px 4px  
4px 4px #99E6D5; box-shadow:4px 4px 4px  
4px #99E6D5 }
```

# Background

The CSS property to change the background color of an element to Hex 99E6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E6D5 }
```

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

```
.background{ background-color:#99E6D5 }
```

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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