

# Converting Colors

Hex(99D4E5)

Have a look what the booklet for  
Hex(99D4E5) contains.

|  |    |
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**Color**

**Hex(99D4E5)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 99D4E5                      |
| RGB         | 153, 212, 229               |
| RGB Percent | 60%, 83%, 90%               |
| CMY         | 0.4000, 0.1686, 0.1020      |
| CMYK        | 0.33, 0.07, 0.00, 0.10      |
| HSL         | 193°, 59%, 75%              |
| HSV         | 193°, 33%, 90%              |
| XYZ         | 50.8232, 59.5164, 82.9379   |
| YIQ         | 196.2970, -40.6210, -7.2210 |

# Conversions

## Conversions Part 2

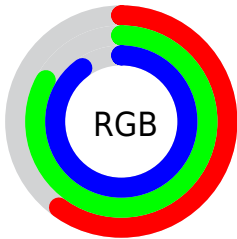
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">153, 186, 229</a>                   |
| Decimal                             | <a href="#">10081509</a>                        |
| CIELab                              | <a href="#">81.57, -14.75, -14.42</a>           |
| CIELCh                              | <a href="#">82, 20.628, 224.354</a>             |
| Yxy                                 | <a href="#">59.5164, 0.2630,<br/>0.3079</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288271589<br/>(0xFF99D4E5)</a>     |
| YUV                                 | <a href="#">196.2970, 16.1226,<br/>-37.9715</a> |
| Hunter-Lab                          | <a href="#">77.1469, -17.4139,<br/>-9.7378</a>  |

# Details

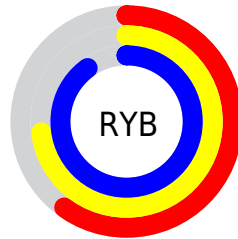
The Hex color **99D4E5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5AA99**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D1FFFF**, and **639DAE** is the 20% darker color. If you saturate the color by 10%, you get **82CFE5**, and if you desaturate by 10%, it is **B0D9E5**.

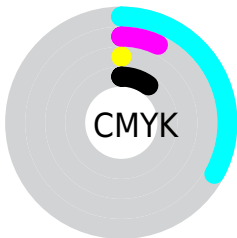
# Distribution



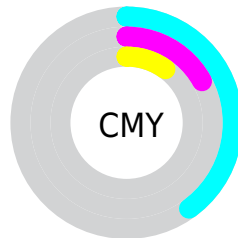
- Red (60%)
- Green (83%)
- Blue (90%)



- Red (60%)
- Yellow (73%)
- Blue (90%)



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



- Cyan (40%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99D4E5 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 99D4E5 by changing the saturation by 10% instead.



 99D4E5

 99D4E5

FFFFFF

 7EB8C9

 D1FFFF

 639DAE

 EEEFFF

 488393

 2C6A79

 0A5260

 003B49

 002532

 000C1D

 000000

■ 99D4E5

■ 99D4E5

■ 82CFE5

■ B0D9E5

■ 6BCAE5

■ C7DEE5

■ 54C5E5

■ DEE3E5

■ 3DC0E5

■ F5E8E5

■ 27BAE5

■ FFEEE5

■ 10B5E5

■ FFF3E5

■ 00B2E5

■ FFF8E5

■ FFFDE5

■ FFFF E5

# Harmonies

## Analogous

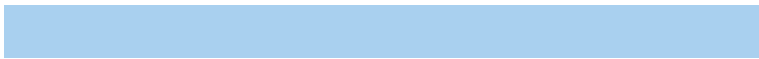
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98D6D4



99D4E5



A9D0EF

# Triad

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



99D4E5



EBBED6



D0CCA5

# Complementary

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



99D4E5



E5AA99

# 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.



E3C6A6



99D4E5



F3BDC2

# Square

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



99D4E5



DAC3E6



F0C0B1



BAD2AF

# Rectangle

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



99D4E5



B8CBF1



F0C0B1



D7CAA4



# Sweetspot

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



99D4E5



E6F9FF



99E5A9



707C80



000000



808080

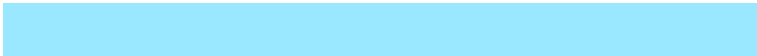


# Same Dimension

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



99D4E5



99E8FF



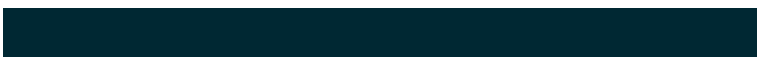
99AFE5



677073



008BB3



002833



# Inverse Universe

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



E599D4



FF99E8



E5CF99



736770



B3008B

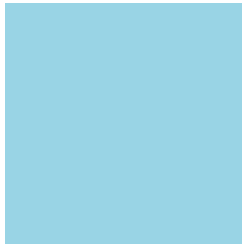


330028



# Previews

## White Background



This preview shows how the Hex color 99D4E5 looks on a white background.

## Color Contrast Check

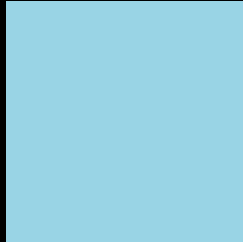
Large Text (above 18pt) WCAG AA × Fail

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 99D4E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

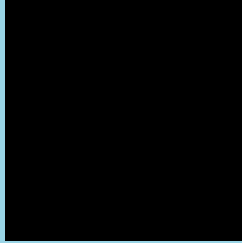
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99D4E5 Background



This preview shows how black text looks on a background with the Hex color 99D4E5.

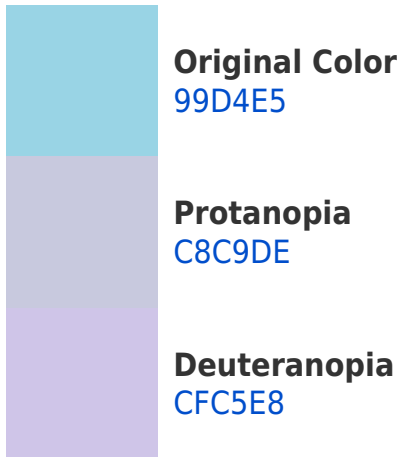


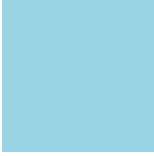
This preview shows how white text looks on a background with the Hex color 99D4E5.

# 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](#).

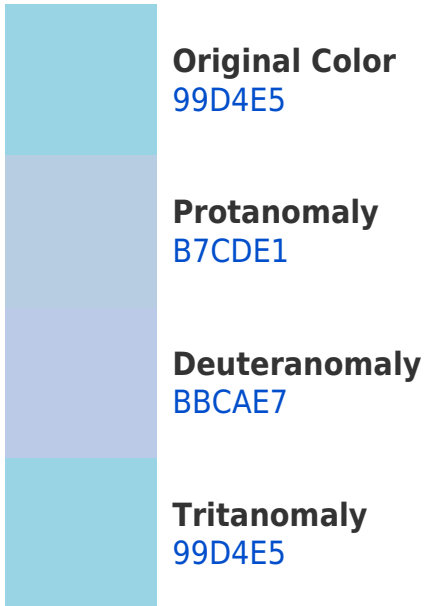
## Dichromacy



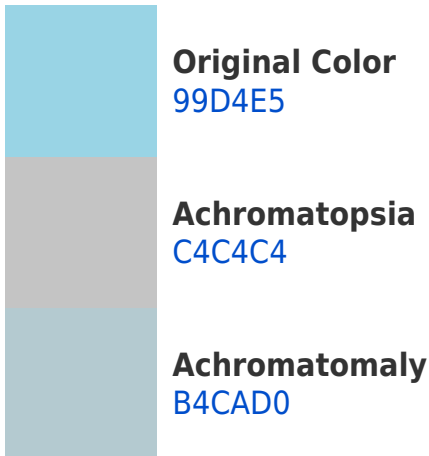


**Tritanopia**  
99D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99D4E5 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 #99D4E5 looks like.

```
.text, #text, p{  
    color:#99D4E5  
}
```

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 #99D4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D4E5  
}
```

## Border

The CSS property to change the border of an element to Hex 99D4E5 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  
#99D4E5 }
```

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

```
.border{ border-color:#99D4E5 }
```

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

Here you see how a box with a 4 pixel #99D4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D4E5; -webkit-box-shadow:4px 4px  
4px 4px #99D4E5; box-shadow:4px 4px 4px  
4px #99D4E5 }
```

# Background

The CSS property to change the background color of an element to Hex 99D4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D4E5 }
```

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

```
.background{ background-color:#99D4E5 }
```

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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