

Converting Colors

Hex(99D6E5)

Have a look what the booklet for
Hex(99D6E5) contains.

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Color

Hex(99D6E5)

Conversions

Conversions Part 1

Format	Color
Hex	99D6E5
RGB	153, 214, 229
RGB Percent	60%, 84%, 90%
CMY	0.4000, 0.1608, 0.1020
CMYK	0.33, 0.07, 0.00, 0.10
HSL	192°, 59%, 75%
HSV	192°, 33%, 90%
XYZ	51.3263, 60.5226, 83.1056
YIQ	197.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

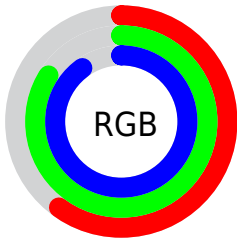
Format	Color
RYB	153, 187, 229
Decimal	10082021
CIELab	82.12, -15.77, -13.60
CIELCh	82, 20.827, 220.774
Yxy	60.5226, 0.2633, 0.3104
Android (android.graphics.Color)	4288272101 (0xFF99D6E5)
YUV	197.4710, 15.5438, -39.0011
Hunter-Lab	77.7963, -18.3776, -8.8790

Details

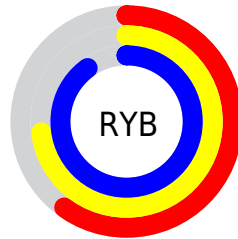
The Hex color **99D6E5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5A899**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D1FFFF**, and **639FAE** is the 20% darker color. If you saturate the color by 10%, you get **82D1E5**, and if you desaturate by 10%, it is **B0DBE5**.

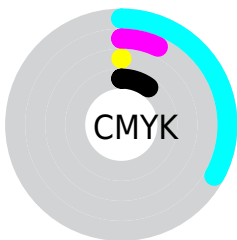
Distribution



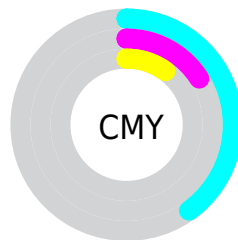
- Red (60%)
- Green (84%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 99D6E5 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 99D6E5 by changing the saturation by 10% instead.

 99D6E5

 99D6E5

FFFFFF

 7EBAC9

 D1FFFF

 639FAE

 EEEFFF

 488593

 2C6C79

 095360

 003C49

 002632

 000F1D

 000000

■ 99D6E5

■ 99D6E5

■ 82D1E5

■ B0DBE5

■ 6BCDE5

■ C7DFE5

■ 54C8E5

■ DEE4E5

■ 3DC4E5

■ F5E8E5

■ 27BFE5

■ FFEDE5

■ 10BBE5

■ FFF1E5

■ 00B8E5

■ FFF6E5

■ FFFAE5

■ FFFF E5

Harmonies

Analogous

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



9AD8D3



99D6E5



A7D2F1

Triad

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



99D6E5



ECC0DA



D4CDA6

Complementary

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



99D6E5



E5A899

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.



E7C7A8



99D6E5



F5BFC6

Square

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



99D6E5



D8C5EA



F3C1B4



BED3AE

Rectangle

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



99D6E5



B7CEF3



F3C1B4



DBCBA5

Sweetspot

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



99D6E5



E6FAFF



99E5A7



707C80



000000



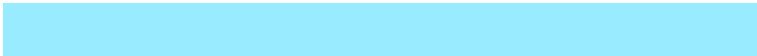
808080

Same Dimension

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



99D6E5



99EBFF



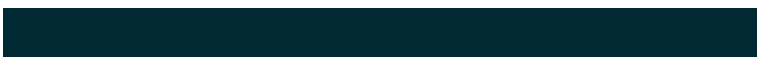
99B1E5



677073



008FB3



002933

Inverse Universe

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



E599D6



FF99EB



E5CD99



736770



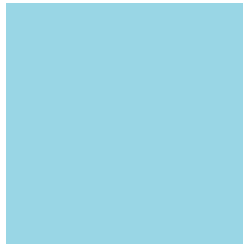
B3008F



330029

Previews

White Background



This preview shows how the Hex color 99D6E5 looks on a white background.

Color Contrast Check

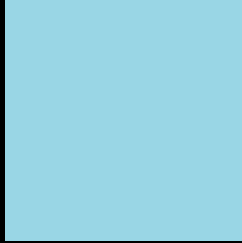
Large Text (above 18pt) WCAG AA × Fail

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 99D6E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

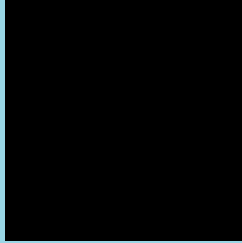
Any Text WCAG AA ✓ Pass

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 99D6E5 Background



This preview shows how black text looks on a background with the Hex color 99D6E5.

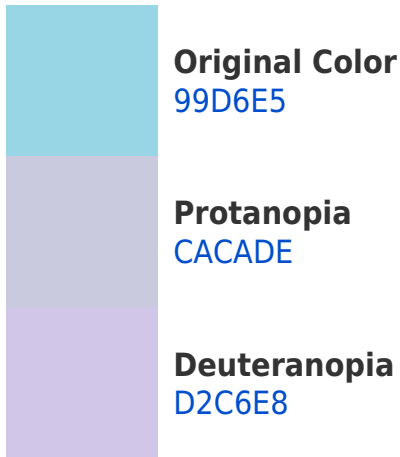


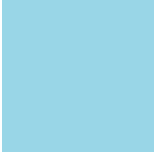
This preview shows how white text looks on a background with the Hex color 99D6E5.

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](#).

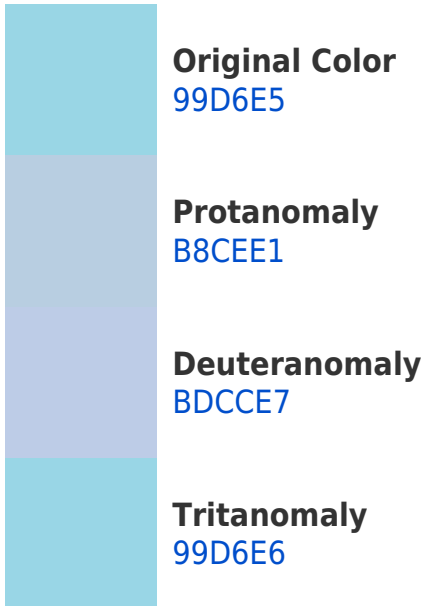
Dichromacy



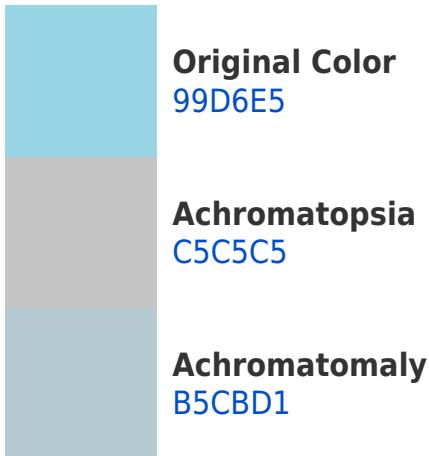


Tritanopia
99D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99D6E5 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 #99D6E5 looks like.

```
.text, #text, p{  
    color:#99D6E5  
}
```

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 #99D6E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D6E5
}
```

Border

The CSS property to change the border of an element to Hex 99D6E5 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
#99D6E5 }
```

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

```
.border{ border-color:#99D6E5 }
```

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

Here you see how a box with a 4 pixel #99D6E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D6E5; -webkit-box-shadow:4px 4px  
4px 4px #99D6E5; box-shadow:4px 4px 4px  
4px #99D6E5 }
```

Background

The CSS property to change the background color of an element to Hex 99D6E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D6E5 }
```

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

```
.background{ background-color:#99D6E5 }
```

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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