

Converting Colors

Hex(99A7D5)

Have a look what the booklet for
Hex(99A7D5) contains.

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Color

Hex(99A7D5)

Conversions

Conversions Part 1

Format	Color
Hex	99A7D5
RGB	153, 167, 213
RGB Percent	60%, 65%, 84%
CMY	0.4000, 0.3451, 0.1647
CMYK	0.28, 0.22, 0.00, 0.16
HSL	226°, 42%, 72%
HSV	226°, 28%, 84%
XYZ	38.9658, 39.2138, 68.4661
YIQ	168.0580, -23.1100, 11.3380

Conversions

Conversions Part 2

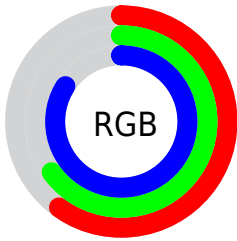
Format	Color
R_{YB}	153, 164, 213
Decimal	10069973
CIE _{Lab}	68.91, 5.46, -24.95
CIE _{LCh}	69, 25.545, 282.349
Yxy	39.2138, 0.2657, 0.2674
Android (android.graphics.Color)	4288260053 (0xFF99A7D5)
YUV	168.0580, 22.1564, -13.2059
Hunter-Lab	62.6210, 1.4848, -20.9896

Details

The Hex color **99A7D5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5C799**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D0DEFF**, and **64739E** is the 20% darker color. If you saturate the color by 10%, you get **8497D5**, and if you desaturate by 10%, it is **AEB7D5**.

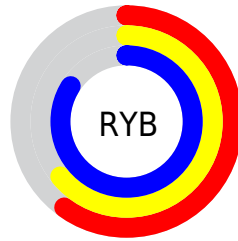
Distribution



Red (60%)

Green (65%)

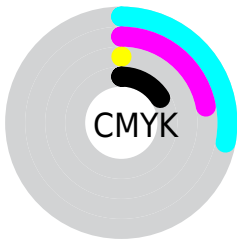
Blue (84%)



Red (60%)

Yellow (64%)

Blue (84%)

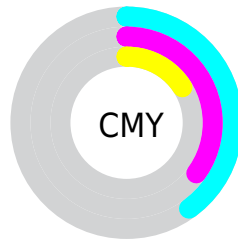


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A7D5 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 99A7D5 by changing the saturation by 10% instead.

■ 99A7D5

■ 99A7D5

FFFFFF

■ 7E8DB9

■ D0DEFF

■ 64739E

■ EDFBFF

■ 4B5B84

■ 32436B

■ 192D52

■ 00193B

■ 000225

■ 00010E

■ 000000

 99A7D5

 99A7D5

 8497D5

 AEB7D5

 6E86D5

 C4C8D5

 5976D5

 D9D8D5

 4466D5

 EEE8D5

 2F55D5

 FFF9D5

 1945D5

 FFFF5D5

 0435D5

 0032D5

Harmonies

Analogous

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



79AED4



99A7D5



B89FCA

Triad

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



99A7D5



D49B8A



7BB499

Complementary

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



99A7D5



D5C799

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.



95B085



99A7D5



C5A27D

Square

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



99A7D5



D7979F



AFAA7B



67B5B1

Rectangle

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



99A7D5



C79BBE



AFAA7B



84B392

Sweetspot

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



99A7D5



EBEFFF



99D5C7



737680



000000



808080

Same Dimension

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



99A7D5



A8BDFF



A999D5



60636B



0028AB



000A2B

Inverse Universe

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



D599A7



FFA8BD



C5D599



6B6063



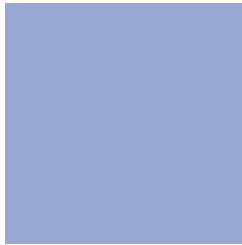
AB0028



2B000A

Previews

White Background



This preview shows how the Hex color 99A7D5 looks on a white background.

Color Contrast Check

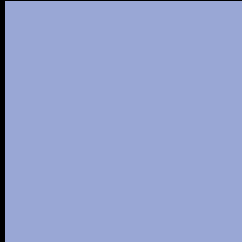
Large Text (above 18pt) WCAG AA × Fail

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 99A7D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

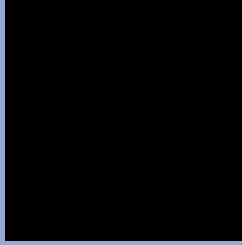
Any Text WCAG AA ✓ Pass

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 99A7D5 Background



This preview shows how black text looks on a background with the Hex color 99A7D5.



This preview shows how white text looks on a background with the Hex color 99A7D5.

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



Original Color
99A7D5

Protanopia
9CA6D4

Deuteranopia
A0A5D5



Tritanopia
93ACBA

Trichromacy



Original Color
99A7D5

Protanomaly
9BA6D4

Deuteranomaly
9DA6D5

Tritanomaly
95AAC4

Monochromacy



Original Color
99A7D5

Achromatopsia
A8A8A8

Achromatomaly
A3A8B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 99A7D5 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 #99A7D5 looks like.

```
.text, #text, p{  
    color:#99A7D5  
}
```

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 #99A7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A7D5
}
```

Border

The CSS property to change the border of an element to Hex 99A7D5 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
#99A7D5 }
```

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

```
.border{ border-color:#99A7D5 }
```

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

Here you see how a box with a 4 pixel #99A7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A7D5; -webkit-box-shadow:4px 4px  
4px 4px #99A7D5; box-shadow:4px 4px 4px  
4px #99A7D5 }
```

Background

The CSS property to change the background color of an element to Hex 99A7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A7D5 }
```

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

```
.background{ background-color:#99A7D5 }
```

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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