

Converting Colors

Hex(9AACD4)

Have a look what the booklet for
Hex(9AACD4) contains.

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Color

Hex(9AACD4)

Conversions

Conversions Part 1

Format	Color
Hex	9AACD4
RGB	154, 172, 212
RGB Percent	60%, 67%, 83%
CMY	0.3961, 0.3255, 0.1686
CMYK	0.27, 0.19, 0.00, 0.17
HSL	221°, 40%, 72%
HSV	221°, 27%, 83%
XYZ	39.9626, 41.1285, 68.1197
YIQ	171.1780, -23.5680, 8.6240

Conversions

Conversions Part 2

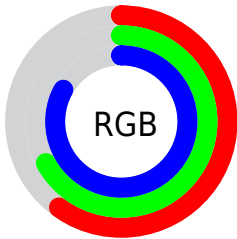
Format	Color
RYB	154, 168, 212
Decimal	10136788
CIELab	70.27, 2.74, -22.32
CIElCh	70, 22.488, 277.003
Yxy	41.1285, 0.2678, 0.2756
Android (android.graphics.Color)	4288326868 (0xFF9AACD4)
YUV	171.1780, 20.1252, -15.0651
Hunter-Lab	64.1315, -1.0006, -18.0850

Details

The Hex color **9AACD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4C29A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D1E3FF**, and **65789D** is the 20% darker color. If you saturate the color by 10%, you get **859DD4**, and if you desaturate by 10%, it is **AFBBD4**.

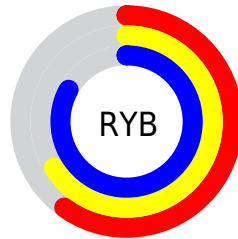
Distribution



Red (60%)

Green (67%)

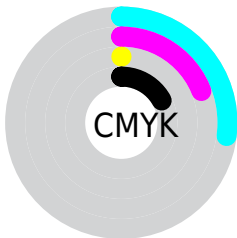
Blue (83%)



Red (60%)

Yellow (66%)

Blue (83%)

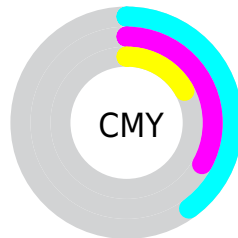


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (40%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AACD4 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 9AACD4 by changing the saturation by 10% instead.

■ 9AACD4

■ 9AACD4

FFFFFF

■ 7F92B8

■ D1E3FF

■ 65789D

■ EEEFFF

■ 4C5F83

■ 34486A

■ 1B3152

■ 001D3A

■ 000125

■ 00010D

■ 000000

■ 9AACD4

■ 9AACD4

■ 859DD4

■ AFBBD4

■ 708FD4

■ C4C9D4

■ 5A80D4

■ DAD8D4

■ 4572D4

■ EFE6D4

■ 3063D4

■ FFF5D4

■ 1B54D4

■ FFFFD4

■ 0646D4

■ 0042D4

Harmonies

Analogous

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



80B2D1



9AACD4



B5A5CC

Triad

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



9AACD4



D4A094



89B69B

Complementary

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



9AACD4



D4C29A

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.



A0B28B



9AACD4



C9A587

Square

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



9AACD4



D59DA8



B6AC83



77B8B0

Rectangle

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



9AACD4



C4A1C2



B6AC83



90B595

Sweetspot

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



9AACD4



EBF1FF



9AD4C2



737780



000000



808080

Same Dimension

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



9AACD4



ABC5FF



A59AD4



60646B



0035AB



000D2B

Inverse Universe

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



D49AAC



FFABC5



C9D49A



6B6064



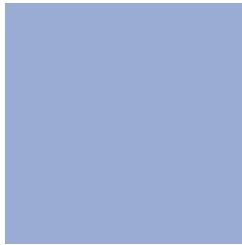
AB0035



2B000D

Previews

White Background



This preview shows how the Hex color 9AACD4 looks on a white background.

Color Contrast Check

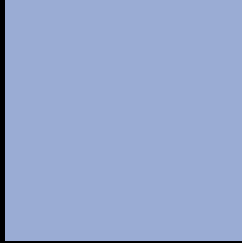
Large Text (above 18pt) WCAG AA × Fail

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 9AACD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

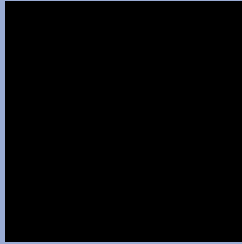
Any Text WCAG AA ✓ Pass

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 9AACD4 Background



This preview shows how black text looks on a background with the Hex color 9AACD4.



This preview shows how white text looks on a background with the Hex color 9AACD4.

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](#).

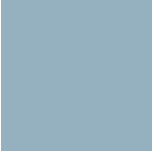
Dichromacy



Original Color
9AACD4

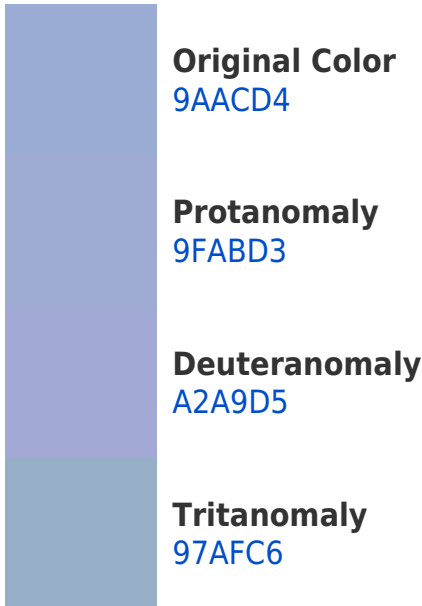
Protanopia
A2AAD3

Deuteranopia
A7A8D5

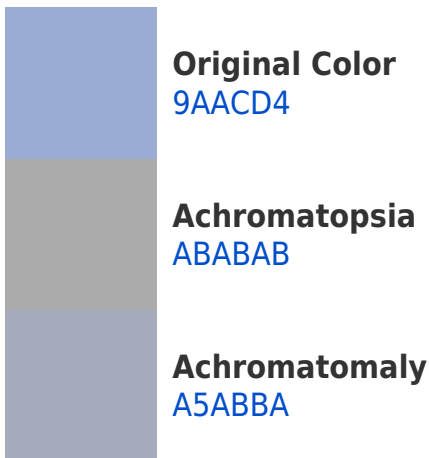


Tritanopia
95B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AACD4 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 #9AACD4 looks like.

```
.text, #text, p{  
    color:#9AACD4  
}
```

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 #9AACD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AACD4
}
```

Border

The CSS property to change the border of an element to Hex 9AACD4 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
#9AACD4 }
```

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

```
.border{ border-color:#9AACD4 }
```

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

Here you see how a box with a 4 pixel #9AACD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AACD4; -webkit-box-shadow:4px 4px  
4px 4px #9AACD4; box-shadow:4px 4px 4px  
4px #9AACD4 }
```

Background

The CSS property to change the background color of an element to Hex 9AACD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AACD4 }
```

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

```
.background{ background-color:#9AACD4 }
```

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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