

Converting Colors

Hex(9AA6D2)

Have a look what the booklet for
Hex(9AA6D2) contains.

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Color

Hex(9AA6D2)

Conversions

Conversions Part 1

Format	Color
Hex	9AA6D2
RGB	154, 166, 210
RGB Percent	60%, 65%, 82%
CMY	0.3961, 0.3490, 0.1765
CMYK	0.27, 0.21, 0.00, 0.18
HSL	227°, 38%, 71%
HSV	227°, 27%, 82%
XYZ	38.5955, 38.7956, 66.4269
YIQ	167.4280, -21.2760, 11.1400

Conversions

Conversions Part 2

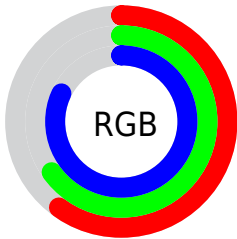
Format	Color
RYB	154, 164, 210
Decimal	10135250
CIELab	68.60, 5.59, -23.76
CIElCh	69, 24.407, 283.237
Yxy	38.7956, 0.2684, 0.2698
Android (android.graphics.Color)	4288325330 (0xFF9AA6D2)
YUV	167.4280, 20.9880, -11.7764
Hunter-Lab	62.2861, 1.6066, -19.6313

Details

The Hex color **9AA6D2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D2C69A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D1DDFF**, and **66729B** is the 20% darker color. If you saturate the color by 10%, you get **8596D2**, and if you desaturate by 10%, it is **AFB7D2**.

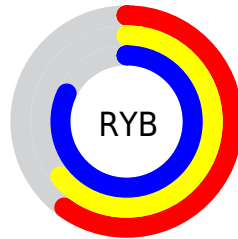
Distribution



Red (60%)

Green (65%)

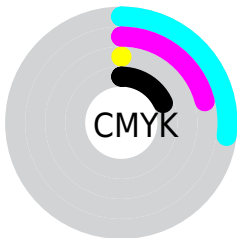
Blue (82%)



Red (60%)

Yellow (64%)

Blue (82%)

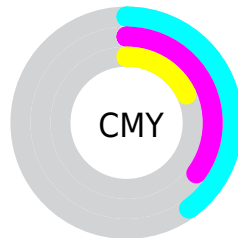


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA6D2 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 9AA6D2 by changing the saturation by 10% instead.

■ 9AA6D2

■ 9AA6D2

FFFFFF

■ 7F8CB6

■ D1DDFF

■ 66729B

■ EEF9FF

■ 4C5A81

■ 344368

■ 1B2D50

■ 001839

■ 000223

■ 00000A

■ 000000

■ 9AA6D2

■ 9AA6D2

■ 8596D2

■ AFB7D2

■ 7085D2

■ C4C7D2

■ 5B75D2

■ D9D7D2

■ 4664D2

■ EEE8D2

■ 3154D2

■ FFF9D2

■ 1C43D2

■ FFFFD2

■ 0733D2

■ 002DD2

Harmonies

Analogous

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



7CADD1



9AA6D2



B79EC8

Triad

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



9AA6D2



D19B8A



7CB39A

Complementary

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



9AA6D2



D2C69A

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.



95AF87



9AA6D2



C3A27E

Square

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



9AA6D2



D4979E



AEA97C



6AB4B1

Rectangle

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



9AA6D2



C69ABC



AEA97C



84B293

Sweetspot

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



9AA6D2



EBEFFF



9AD2C6



737580



000000



808080

Same Dimension

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



9AA6D2



ADBFFF



AA9AD2



5E6069



0024A8



000929

Inverse Universe

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



D29AA6



FFADBF



C2D29A



695E60



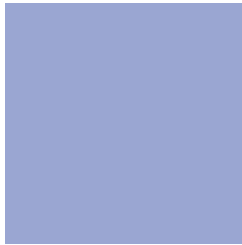
A80024



290009

Previews

White Background



This preview shows how the Hex color 9AA6D2 looks on a white background.

Color Contrast Check

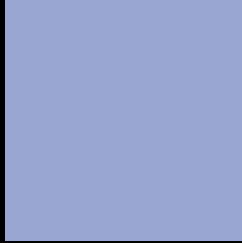
Large Text (above 18pt) WCAG AA × Fail

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 9AA6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

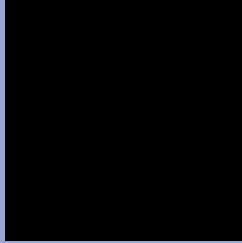
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

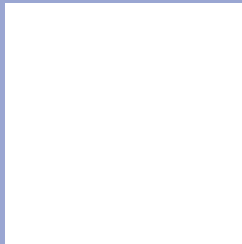
Any Text WCAG AAA ✓ Pass

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

Hex 9AA6D2 Background



This preview shows how black text looks on a background with the Hex color 9AA6D2.



This preview shows how white text looks on a background with the Hex color 9AA6D2.

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
9AA6D2

Protanopia
9CA5D2

Deuteranopia
A1A4D2



Tritanopia
95ABB8

Trichromacy



Original Color
9AA6D2

Protanomaly
9BA5D2

Deuteranomaly
9EA5D2

Tritanomaly
97A9C1

Monochromacy



Original Color
9AA6D2

Achromatopsia
A7A7A7

Achromatomaly
A2A7B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA6D2 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 #9AA6D2 looks like.

```
.text, #text, p{  
    color:#9AA6D2  
}
```

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 #9AA6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA6D2
}
```

Border

The CSS property to change the border of an element to Hex 9AA6D2 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
#9AA6D2 }
```

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

```
.border{ border-color:#9AA6D2 }
```

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

Here you see how a box with a 4 pixel #9AA6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA6D2; -webkit-box-shadow:4px 4px  
4px 4px #9AA6D2; box-shadow:4px 4px 4px  
4px #9AA6D2 }
```

Background

The CSS property to change the background color of an element to Hex 9AA6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA6D2 }
```

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

```
.background{ background-color:#9AA6D2 }
```

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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