

Converting Colors

Hex(9DA6C3)

Have a look what the booklet for
Hex(9DA6C3) contains.

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Color

Hex(9DA6C3)

Conversions

Conversions Part 1

Format	Color
Hex	9DA6C3
RGB	157, 166, 195
RGB Percent	62%, 65%, 76%
CMY	0.3843, 0.3490, 0.2353
CMYK	0.19, 0.15, 0.00, 0.24
HSL	226°, 24%, 69%
HSV	226°, 19%, 76%
XYZ	37.3912, 38.3807, 57.0672
YIQ	166.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

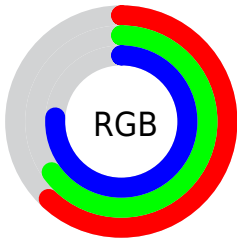
Format	Color
RYB	157, 164, 195
Decimal	10331843
CIELab	68.30, 3.00, -15.91
CIELCh	68, 16.188, 280.686
Yxy	38.3807, 0.2815, 0.2889
Android (android.graphics.Color)	4288521923 (0xFF9DA6C3)
YUV	166.6150, 13.9938, -8.4324
Hunter-Lab	61.9521, -0.6827, -11.2485

Details

The Hex color **9DA6C3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3BA9D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D4DDFC**, and **69728D** is the 20% darker color. If you saturate the color by 10%, you get **8A97C3**, and if you desaturate by 10%, it is **B1B5C3**.

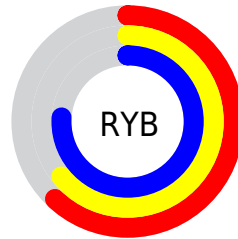
Distribution



Red (62%)

Green (65%)

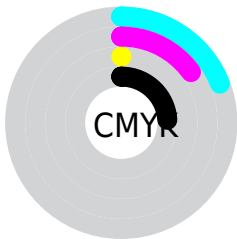
Blue (76%)



Red (62%)

Yellow (64%)

Blue (76%)

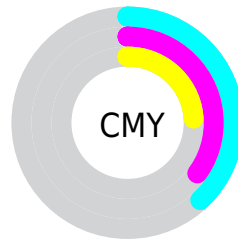


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA6C3 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 9DA6C3 by changing the saturation by 10% instead.



9DA6C3



9DA6C3

FFFFFF



838CA8



D4DDFC



69728D



F0FAFF



515A74



39425B



222C44



0C182D



000119



000000



9DA6C3



9DA6C3

8A97C3

B1B5C3

7688C3

C4C4C3

6379C3

D8D3C3

4F6AC3

EBE2C3

3C5CC3

FFF0C3

284DC3

FFFFC3

153EC3

012FC3

002EC3

Harmonies

Analogous

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



8BABC2



9DA6C3



B0A1BD

Triad

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



9DA6C3



C49E94



8CAE9C

Complementary

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



9DA6C3



C3BA9D

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.



9CAB90



9DA6C3



BBA28B

Square

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



9DA6C3



C59CA2



ADA78A



82AFAB

Rectangle

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



9DA6C3



BA9EB5



ADA78A



91AE98

Sweetspot

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



9DA6C3



EDF1FC



9DC3BA



777980



000000



808080

Same Dimension

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



9DA6C3



C2D0FC



A79DC3



575A61



0026A1



000821

Inverse Universe

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



C39DA6



FCC2D0



BAC39D



61575A



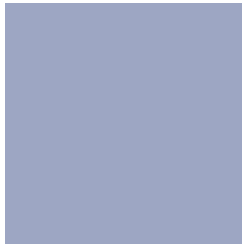
A10026



210008

Previews

White Background



This preview shows how the Hex color 9DA6C3 looks on a white background.

Color Contrast Check

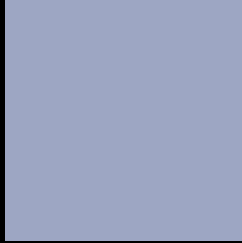
Large Text (above 18pt) WCAG AA × Fail

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 9DA6C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

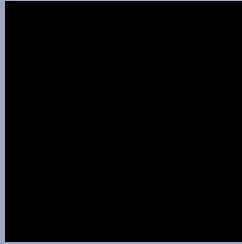
Any Text WCAG AA ✓ Pass

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 9DA6C3 Background



This preview shows how black text looks on a background with the Hex color 9DA6C3.



This preview shows how white text looks on a background with the Hex color 9DA6C3.

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
9DA6C3

Protanopia
A1A5C2

Deuteranopia
A8A2C4



Tritanopia
9BA8B6

Trichromacy



Original Color
9DA6C3

Protanomaly
A0A5C2

Deuteranomaly
A4A3C4

Tritanomaly
9CA7BB

Monochromacy



Original Color
9DA6C3

Achromatopsia
A7A7A7

Achromatomaly
A3A7B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA6C3 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 #9DA6C3 looks like.

```
.text, #text, p{  
    color:#9DA6C3  
}
```

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 #9DA6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA6C3
}
```

Border

The CSS property to change the border of an element to Hex 9DA6C3 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
#9DA6C3 }
```

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

```
.border{ border-color:#9DA6C3 }
```

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

Here you see how a box with a 4 pixel #9DA6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA6C3; -webkit-box-shadow:4px 4px  
4px 4px #9DA6C3; box-shadow:4px 4px 4px  
4px #9DA6C3 }
```

Background

The CSS property to change the background color of an element to Hex 9DA6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA6C3 }
```

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

```
.background{ background-color:#9DA6C3 }
```

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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