

Converting Colors

Hex(949DAF)

Have a look what the booklet for
Hex(949DAF) contains.

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Color

Hex(949DAF)

Conversions

Conversions Part 1

Format	Color
Hex	949DAF
RGB	148, 157, 175
RGB Percent	58%, 62%, 69%
CMY	0.4196, 0.3843, 0.3137
CMYK	0.15, 0.10, 0.00, 0.31
HSL	220°, 14%, 63%
HSV	220°, 15%, 69%
XYZ	32.0076, 33.5050, 45.3376
YIQ	156.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

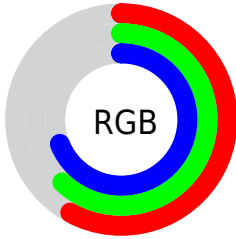
Format	Color
RYB	148, 155, 175
Decimal	9739695
CIELab	64.57, 0.59, -10.44
CIElCh	65, 10.454, 273.226
Yxy	33.5050, 0.2887, 0.3023
Android (android.graphics.Color)	4287929775 (0xFF949DAF)
YUV	156.3610, 9.1890, -7.3326
Hunter-Lab	57.8835, -2.5918, -5.9208

Details

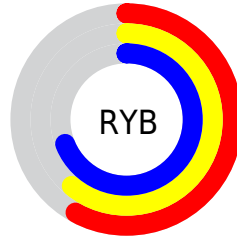
The Hex color **949DAF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AFA694**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CAD3E7**, and **616A7B** is the 20% darker color. If you saturate the color by 10%, you get **8391AF**, and if you desaturate by 10%, it is **A6A9AF**.

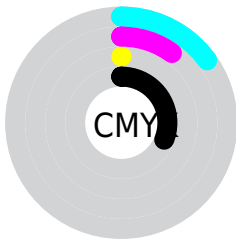
Distribution



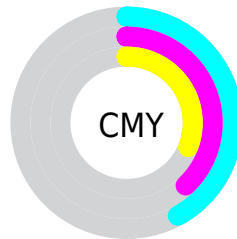
- Red (58%)
- Green (62%)
- Blue (69%)



- Red (58%)
- Yellow (61%)
- Blue (69%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949DAF 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 949DAF by changing the saturation by 10% instead.

■ 949DAF

■ 949DAF

FFFFFF

■ 7A8394

■ CAD3E7

■ 616A7B

■ E6F0FF

■ 495262

■ 323B4A

■ 1C2533

■ 06101E

■ 000003

■ 000000

■ 949DAF

■ 949DAF

8391AF

A6A9AF

7186AF

B7B4AF

607AAF

C9C0AF

4E6EAF

DACCAF

3D63AF

EBD7AF

2B57AF

FDE3AF

1A4BAF

FFEFAF

0840AF

FFFAAF

003AAF

FFFFAF

Harmonies

Analogous

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



8AA0AD



949DAF



A09AAC

Triad

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



949DAF



B09793



8EA194

Complementary

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



949DAF



AFA694

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.



999F8D



949DAF



AC998C

Square

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



949DAF



B0969C



A39C8A



87A29D

Rectangle

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



949DAF



A798A8



A39C8A



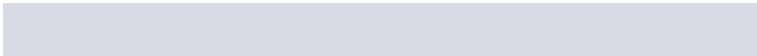
92A191

Sweetspot

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



949DAF



D8DBE3



94AFA6



6C6E73



F2F2F2



737373

Same Dimension

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



949DAF



B8C6E3



9994AF



4E5157



003296



000817

Inverse Universe

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



AF949D



E3B8C6



ABAF94



574E51



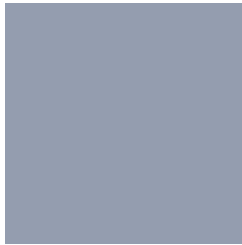
960032



170008

Previews

White Background



This preview shows how the Hex color 949DAF 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

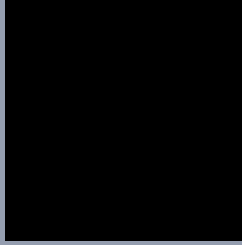
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

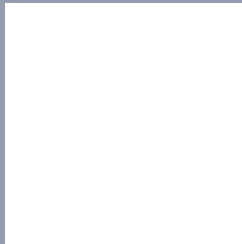
Any Text WCAG AAA ✓ Pass

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

Hex 949DAF Background



This preview shows how black text looks on a background with the Hex color 949DAF.



This preview shows how white text looks on a background with the Hex color 949DAF.

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

949DAF

Protanopia

9A9BAE

Deuteranopia

A298B0



Tritanopia
939EAA

Trichromacy



Original Color
949DAF

Protanomaly
989CAE

Deuteranomaly
9D9AB0

Tritanomaly
939EAC

Monochromacy



Original Color
949DAF

Achromatopsia
9C9C9C

Achromatomaly
999CA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 949DAF 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 #949DAF looks like.

```
.text, #text, p{  
    color:#949DAF  
}
```

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 #949DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949DAF
}
```

Border

The CSS property to change the border of an element to Hex 949DAF 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
#949DAF }
```

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

```
.border{ border-color:#949DAF }
```

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

Here you see how a box with a 4 pixel #949DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949DAF; -webkit-box-shadow:4px 4px  
4px 4px #949DAF; box-shadow:4px 4px 4px  
4px #949DAF }
```

Background

The CSS property to change the background color of an element to Hex 949DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949DAF }
```

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

```
.background{ background-color:#949DAF }
```

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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