

# Converting Colors

Hex(999AA4)

Have a look what the booklet for  
Hex(999AA4) contains.

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# **Color**

**Hex(999AA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999AA4
RGB	153, 154, 164
RGB Percent	60%, 60%, 64%
CMY	0.4000, 0.3961, 0.3569
CMYK	0.07, 0.06, 0.00, 0.36
HSL	235°, 6%, 62%
HSV	235°, 7%, 64%
XYZ	31.3933, 32.5638, 39.7528
YIQ	154.8410, -3.8060, 2.8980

# Conversions

## Conversions Part 2

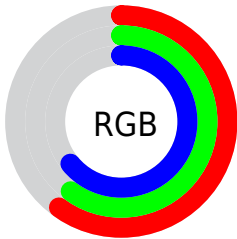
Format	Color
<a href="#">RYB</a>	<a href="#">153, 154, 164</a>
Decimal	<a href="#">10066596</a>
CIELab	<a href="#">63.81, 1.63, -5.35</a>
CIELCh	<a href="#">64, 5.590, 286.963</a>
Yxy	<a href="#">32.5638, 0.3027, 0.3140</a>
Android (android.graphics.Color)	<a href="#">4288256676 (0xFF999AA4)</a>
YUV	<a href="#">154.8410, 4.5154, -1.6146</a>
Hunter-Lab	<a href="#">57.0647, -1.6642, -1.3577</a>

# Details

The Hex color **999AA4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A4A399**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CFD0DB**, and **666770** is the 20% darker color. If you saturate the color by 10%, you get **898BA4**, and if you desaturate by 10%, it is **A9A9A4**.

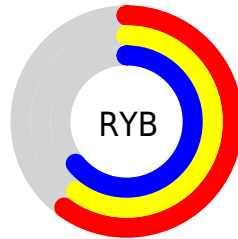
# Distribution



Red (60%)

Green (60%)

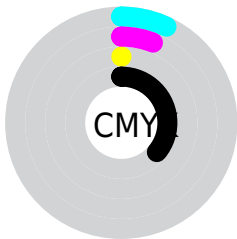
Blue (64%)



Red (60%)

Yellow (60%)

Blue (64%)

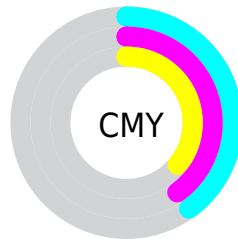


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (40%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999AA4 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 999AA4 by changing the saturation by 10% instead.





999AA4



999AA4

FFFFFF



7F808A



CFD0DB



666770



ECEDF7



4E4F58



373841



22232B



0C0D16



000000



999AA4



999AA4



898BA4



A9A9A4

787CA4

BAB8A4

686DA4

CAC7A4

575EA4

DBD6A4

474FA4

EBE5A4

3741A4

FBF3A4

2632A4

FFFFA4

1623A4

0514A4

# Harmonies

## Analogous

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



939CA4



999AA4



9F98A1

# Triad

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



999AA4



A59893



919D98

# Complementary

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



999AA4



A4A399

# 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.



969D94



999AA4



A19991

# Square

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



999AA4



A69798



9C9B91



8F9E9D

# Rectangle

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



999AA4



A2989F



9C9B91



939D97

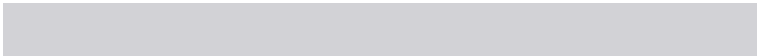


# Sweetspot

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



999AA4



D2D2D6



99A4A3



69696B



EBEBEB



6B6B6B



# Same Dimension

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



999AA4



C5C7D6



9D99A4



494A52



000D91



000212



# Inverse Universe

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



A4999A



D6C5C7



A0A499



52494A



91000D



120002



# Previews

## White Background



This preview shows how the Hex color 999AA4 looks on a white background.

## Color Contrast Check

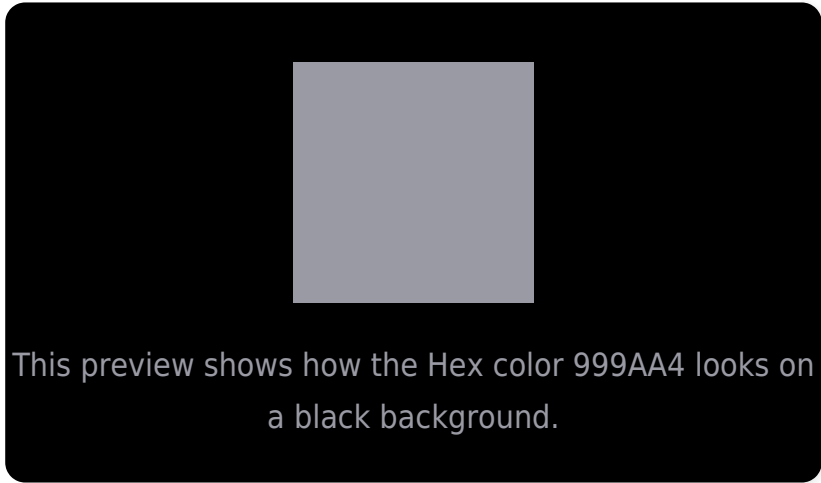
Large Text (above 18pt) WCAG AA × Fail

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

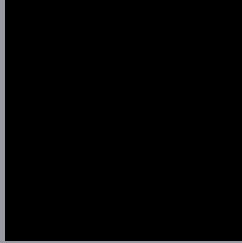
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

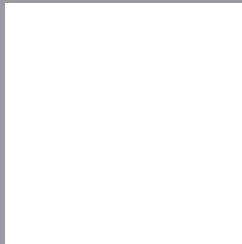
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 999AA4 Background



This preview shows how black text looks on a background with the Hex color 999AA4.



This preview shows how white text looks on a background with the Hex color 999AA4.

# 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**  
999AA4

**Protanopia**  
9B9AA4

**Deuteranopia**  
A596A5



**Tritanopia**  
999AA6

# Trichromacy



**Original Color**

999AA4

**Protanomaly**

9A9AA4

**Deuteranomaly**

A197A5

**Tritanomaly**

999AA5

# Monochromacy



**Original Color**

999AA4

**Achromatopsia**

9B9B9B

**Achromatomaly**

9A9B9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999AA4 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 #999AA4 looks like.

```
.text, #text, p{  
    color:#999AA4  
}
```

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 #999AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999AA4
}
```

## Border

The CSS property to change the border of an element to Hex 999AA4 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
#999AA4 }
```

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

```
.border{ border-color:#999AA4 }
```

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

Here you see how a box with a 4 pixel #999AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999AA4; -webkit-box-shadow:4px 4px  
4px 4px #999AA4; box-shadow:4px 4px 4px  
4px #999AA4 }
```

# Background

The CSS property to change the background color of an element to Hex 999AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999AA4 }
```

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

```
.background{ background-color:#999AA4 }
```

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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