

# Converting Colors

Hex(A99393)

Have a look what the booklet for  
Hex(A99393) contains.

<b>Hex(A99393)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A99393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A99393
RGB	169, 147, 147
RGB Percent	66%, 58%, 58%
CMY	0.3373, 0.4235, 0.4235
CMYK	0.00, 0.13, 0.13, 0.34
HSL	0°, 11%, 62%
HSV	0°, 13%, 66%
XYZ	32.0624, 31.4090, 31.9764
YIQ	153.5780, 13.1120, 4.6640

# Conversions

## Conversions Part 2

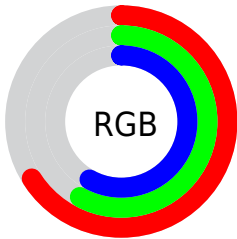
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 147, 147
Decimal	11113363
CIE Lab	62.85, 8.18, 3.01
CIE LCh	63, 8.721, 20.201
Yxy	31.4090, 0.3359, 0.3291
Android (android.graphics.Color)	4289303443 (0xFFA99393)
YUV	153.5780, -3.2430, 13.5251
Hunter-Lab	56.0438, 4.0424, 5.4020

# Details

The Hex color **A99393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **93A9A9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E0C9C9**, and **756061** is the 20% darker color. If you saturate the color by 10%, you get **A98282**, and if you desaturate by 10%, it is **A9A4A4**.

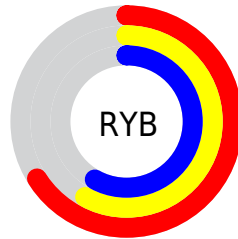
# Distribution



Red (66%)

Green (58%)

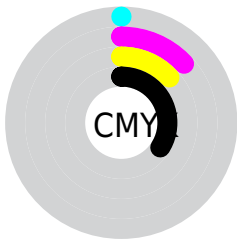
Blue (58%)



Red (66%)

Yellow (58%)

Blue (58%)

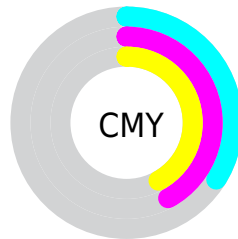


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (42%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A99393 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 A99393 by changing the saturation by 10% instead.



 A99393

 A99393

FFFFFF

 8E7979

 E0C9C9

 756061

 FDE5E5

 5C4949

 443232

 2E1D1D

 1B0403

 000000

 A99393

 A99393

 A98282

 A9A4A4

 A97171

 A9B5B5

 A96060

 A9C6C6

 A94F4F

 A9D7D7

 A93E3E

 A9E7E7

 A92E2E

 A9F8F8

 A91D1D

 A9FFFF

 A90C0C

 A90000

# Harmonies

## Analogous

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



A6939B



A99393



A7948C

# Triad

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



A99393



909B8E



8D99A7

# Complementary

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



A99393



93A9A9

# 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.



879CA4



A99393



889D95

# Square

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



A99393



99998A



859D9D



9797A6

# Rectangle

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



A99393



A3968A



859D9D



8B9AA6



# Sweetspot

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



A99393



DBD3D3



A993A9



6E6868



EDEDED



6E6E6E



# Same Dimension

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



A99393



DBB8B8



A99E93



544C4C



940000



140000



# Inverse Universe

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



93A9A9



B8DBDB



939EA9



4C5454



009494



001414



# Previews

## White Background



This preview shows how the Hex color A99393 looks on a white background.

## Color Contrast Check

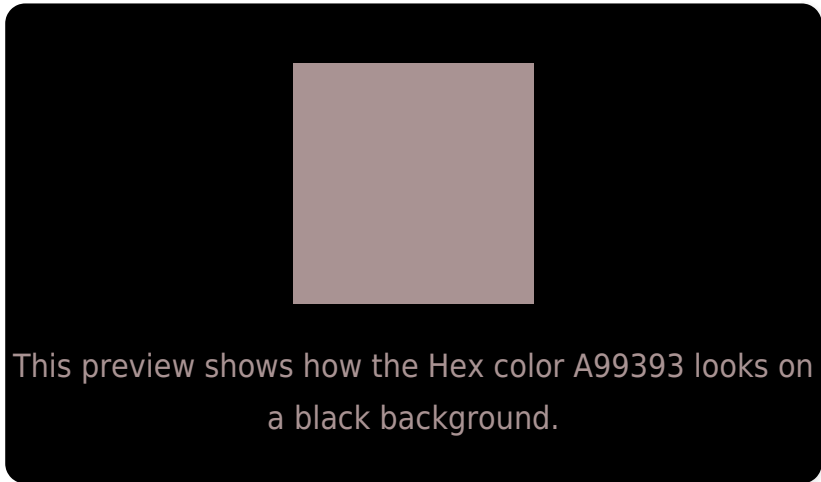
Large Text (above 18pt) WCAG AA × Fail

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

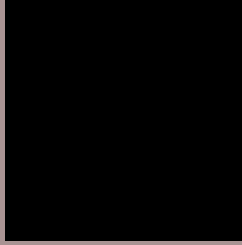
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A99393 Background



This preview shows how black text looks on a background with the Hex color A99393.




This preview shows how white text looks on a background with the Hex color A99393.

# 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





**Tritanopia**  
AA919D

# Trichromacy



**Original Color**  
A99393

**Protanomaly**  
A09695

**Deuteranomaly**  
A99393

**Tritanomaly**  
AA9299

# Monochromacy



**Original Color**  
A99393

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9F9797

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A99393 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 #A99393 looks like.

```
.text, #text, p{  
    color:#A99393  
}
```

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 #A99393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A99393
}
```

## Border

The CSS property to change the border of an element to Hex A99393 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
#A99393 }
```

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

```
.border{ border-color:#A99393 }
```

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

Here you see how a box with a 4 pixel #A99393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A99393; -webkit-box-shadow:4px 4px  
4px 4px #A99393; box-shadow:4px 4px 4px  
4px #A99393 }
```

# Background

The CSS property to change the background color of an element to Hex A99393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A99393 }
```

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

```
.background{ background-color:#A99393 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor