

Converting Colors

Hex(99ACAC)

Have a look what the booklet for
Hex(99ACAC) contains.

Hex(99ACAC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99ACAC)

Conversions

Conversions Part 1

Format	Color
Hex	99ACAC
RGB	153, 172, 172
RGB Percent	60%, 67%, 67%
CMY	0.4000, 0.3255, 0.3255
CMYK	0.11, 0.00, 0.00, 0.33
HSL	180°, 10%, 64%
HSV	180°, 11%, 67%
XYZ	35.3358, 39.2559, 44.7445
YIQ	166.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

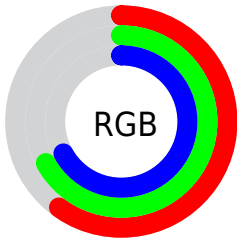
Format	Color
R _Y B	153, 163, 172
Decimal	10071212
CIE Lab	68.94, -6.58, -2.25
CIE LCh	69, 6.954, 198.886
Yxy	39.2559, 0.2961, 0.3290
Android (android.graphics.Color)	4288261292 (0xFF99ACAC)
YUV	166.3190, 2.8007, -11.6808
Hunter-Lab	62.6545, -8.9753, 1.5165

Details

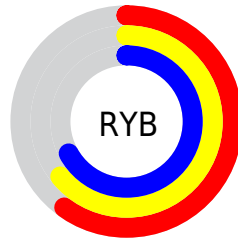
The Hex color **99ACAC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AC9999**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CFE3E3**, and **667878** is the 20% darker color. If you saturate the color by 10%, you get **88ACAC**, and if you desaturate by 10%, it is **AAACAC**.

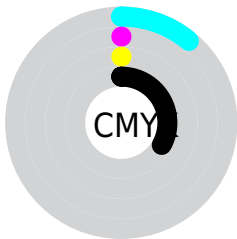
Distribution



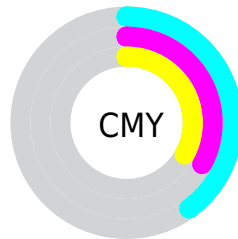
- Red (60%)
- Green (67%)
- Blue (67%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99ACAC 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 99ACAC by changing the saturation by 10% instead.

 99ACAC

 99ACAC

FFFFFF

 7F9191

 CFE3E3

 667878

 ECFFFF

 4E5F5F

 374747

 213131

 0C1C1C

 000001

 000000

 99ACAC

 99ACAC

88ACAC

AAACAC

77ACAC

BBACAC

65ACAC

CDACAC

54ACAC

DEACAC

43ACAC

EFACAC

32ACAC

FFACAC

21ACAC

0FACAC

00ACAC

Harmonies

Analogous

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



9CACA6



99ACAC



9AABB1

Triad

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



99ACAC



AEA5B1



B0A79C

Complementary

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



99ACAC



AC9999

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.



B5A59F



99ACAC



B4A4AB

Square

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



99ACAC



A7A7B4



B6A4A4



A9A99C

Rectangle

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



99ACAC



9DAAB4



B6A4A4



B2A69D

Sweetspot

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



99ACAC



DAE0E0



99AC99



6C7070



F0F0F0



707070

Same Dimension

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



99ACAC



C3E0E0



99A3AC



4E5757



009696



001717

Inverse Universe

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



AC99AC



E0C3E0



ACA399



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 99ACAC looks on a white background.

Color Contrast Check

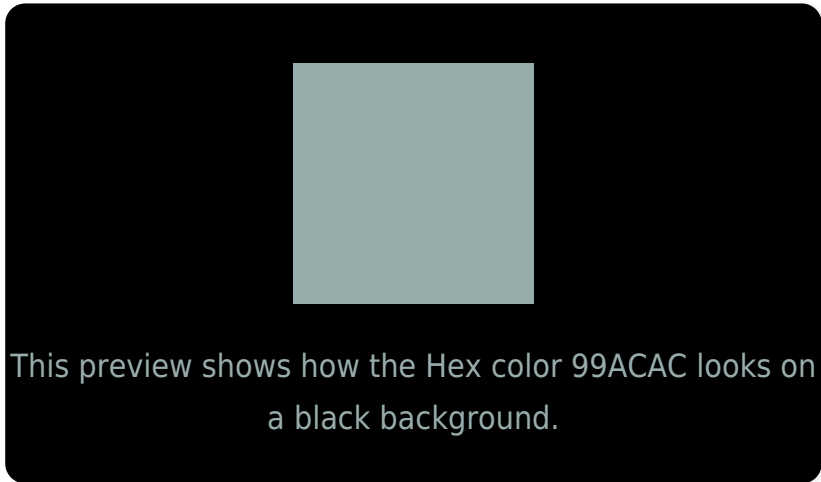
Large Text (above 18pt) WCAG AA × Fail

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

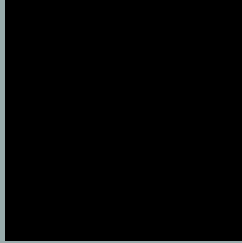
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

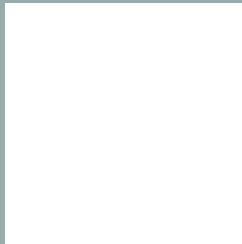
Any Text WCAG AAA ✓ Pass

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

Hex 99ACAC Background



This preview shows how black text looks on a background with the Hex color 99ACAC.

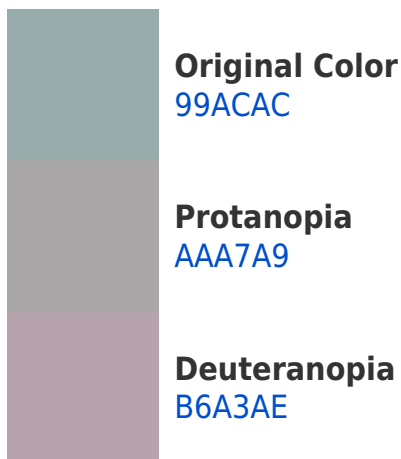


This preview shows how white text looks on a background with the Hex color 99ACAC.

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](#).

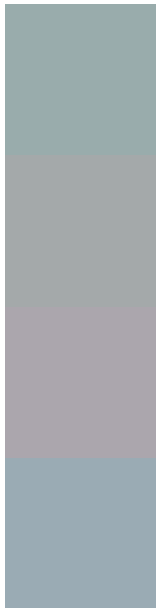
Dichromacy





Tritanopia
9BAAB8

Trichromacy



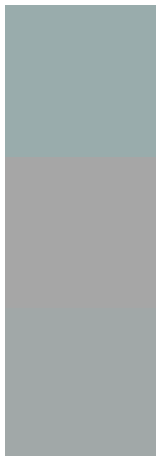
Original Color
99ACAC

Protanomaly
A4A9AA

Deuteranomaly
ABA6AD

Tritanomaly
9AABB4

Monochromacy



Original Color
99ACAC

Achromatopsia
A6A6A6

Achromatomaly
A1A8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 99ACAC 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 #99ACAC looks like.

```
.text, #text, p{  
    color:#99ACAC  
}
```

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 #99ACAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99ACAC
}
```

Border

The CSS property to change the border of an element to Hex 99ACAC 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
#99ACAC }
```

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

```
.border{ border-color:#99ACAC }
```

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

Here you see how a box with a 4 pixel #99ACAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99ACAC; -webkit-box-shadow:4px 4px  
4px 4px #99ACAC; box-shadow:4px 4px 4px  
4px #99ACAC }
```

Background

The CSS property to change the background color of an element to Hex 99ACAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99ACAC }
```

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

```
.background{ background-color:#99ACAC }
```

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