

Converting Colors

Hex(90A5A5)

Have a look what the booklet for
Hex(90A5A5) contains.

Hex(90A5A5)	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(90A5A5)

Conversions

Conversions Part 1

Format	Color
Hex	90A5A5
RGB	144, 165, 165
RGB Percent	56%, 65%, 65%
CMY	0.4353, 0.3529, 0.3529
CMYK	0.13, 0.00, 0.00, 0.35
HSL	180°, 10%, 61%
HSV	180°, 13%, 65%
XYZ	31.7483, 35.5562, 40.7870
YIQ	158.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

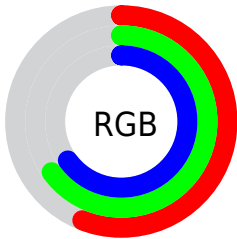
Format	Color
RYB	144, 155, 165
Decimal	9479589
CIELab	66.18, -7.30, -2.48
CIElCh	66, 7.712, 198.793
Yxy	35.5562, 0.2937, 0.3289
Android (android.graphics.Color)	4287669669 (0xFF90A5A5)
YUV	158.7210, 3.0955, -12.9103
Hunter-Lab	59.6290, -9.3120, 1.1851

Details

The Hex color **90A5A5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A59090**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C6DCDC**, and **5D7171** is the 20% darker color. If you saturate the color by 10%, you get **7FA5A5**, and if you desaturate by 10%, it is **A0A5A5**.

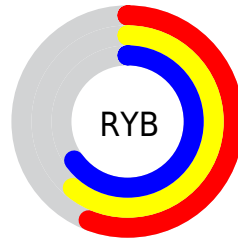
Distribution



Red (56%)

Green (65%)

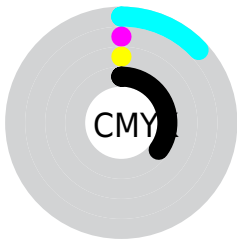
Blue (65%)



Red (56%)

Yellow (61%)

Blue (65%)

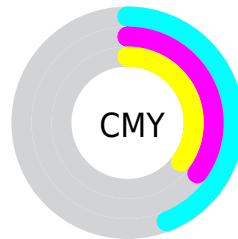


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A5A5 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 90A5A5 by changing the saturation by 10% instead.



90A5A5



90A5A5

FFFFFF



768B8B



C6DCDC



5D7171



E2F9F8



465959



2F4141



192B2B



011717



000000



90A5A5



90A5A5



7FA5A5



A0A5A5

6FA5A5

B1A5A5

5EA5A5

C1A5A5

4EA5A5

D2A5A5

3DA5A5

E2A5A5

2DA5A5

F3A5A5

1CA5A5

FFA5A5

0CA5A5

00A5A5

Harmonies

Analogous

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



93A59E



90A5A5



91A4AB

Triad

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



90A5A5



A79EAA



A99F93

Complementary

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



90A5A5



A59090

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.



AF9D97



90A5A5



AE9CA4

Square

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



90A5A5



9FA0AE



B09C9D



A2A294

Rectangle

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



90A5A5



95A3AD



B09C9D



AB9F94

Sweetspot

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



90A5A5



CED6D6



90A590



666B6B



EBEBEB



6B6B6B

Same Dimension

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



90A5A5



B6D6D6



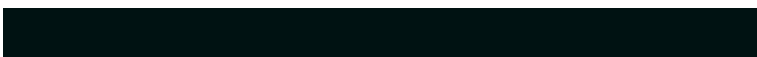
909AA5



495252



009191



001212

Inverse Universe

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



A590A5



D6B6D6



A59A90



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 90A5A5 looks on a white background.

Color Contrast Check

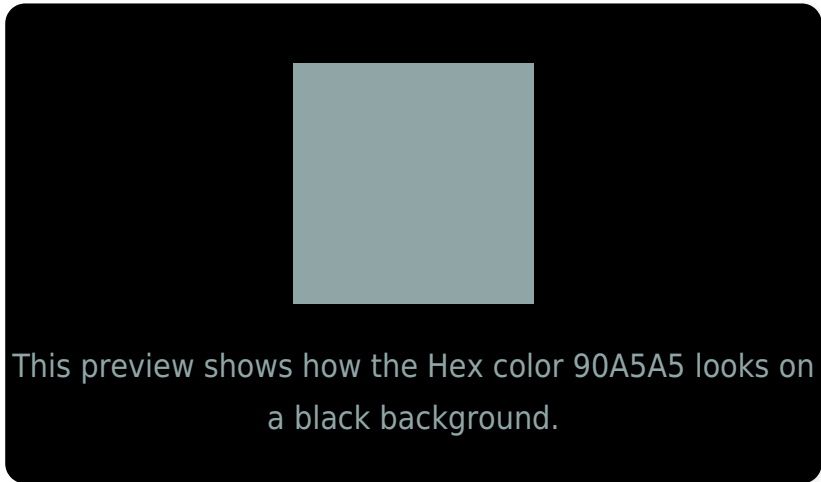
Large Text (above 18pt) WCAG AA × Fail

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

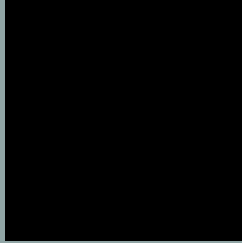
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

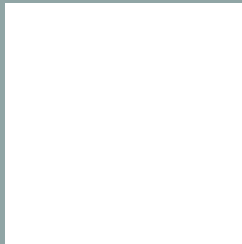
Any Text WCAG AAA ✓ Pass

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

Hex 90A5A5 Background



This preview shows how black text looks on a background with the Hex color 90A5A5.

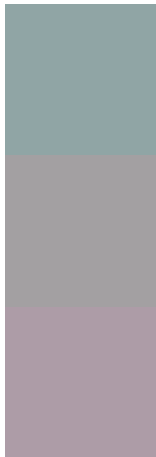


This preview shows how white text looks on a background with the Hex color 90A5A5.

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
90A5A5

Protanopia
A3A0A2

Deuteranopia
AD9CA7



Tritanopia
92A3B0

Trichromacy



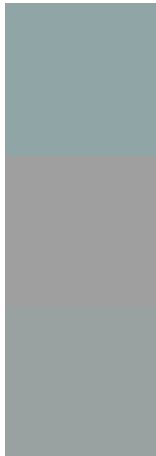
Original Color
90A5A5

Protanomaly
9CA2A3

Deuteranomaly
A29FA6

Tritanomaly
91A4AC

Monochromacy



Original Color
90A5A5

Achromatopsia
9F9F9F

Achromatomaly
9AA1A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 90A5A5 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 #90A5A5 looks like.

```
.text, #text, p{  
    color:#90A5A5  
}
```

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 #90A5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A5A5  
}
```

Border

The CSS property to change the border of an element to Hex 90A5A5 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  
#90A5A5 }
```

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

```
.border{ border-color:#90A5A5 }
```

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

Here you see how a box with a 4 pixel #90A5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A5A5; -webkit-box-shadow:4px 4px  
4px 4px #90A5A5; box-shadow:4px 4px 4px  
4px #90A5A5 }
```

Background

The CSS property to change the background color of an element to Hex 90A5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A5A5 }
```

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

```
.background{ background-color:#90A5A5 }
```

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