

# Converting Colors

Hex(90A1A1)

Have a look what the booklet for  
Hex(90A1A1) contains.

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# **Color**

**Hex(90A1A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A1A1
RGB	144, 161, 161
RGB Percent	56%, 63%, 63%
CMY	0.4353, 0.3686, 0.3686
CMYK	0.11, 0.00, 0.00, 0.37
HSL	180°, 8%, 60%
HSV	180°, 11%, 63%
XYZ	30.6795, 33.9922, 38.6624
YIQ	155.9170, -10.1320, -3.6040

# Conversions

## Conversions Part 2

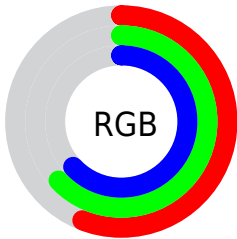
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 153, 161
Decimal	9478561
CIELab	64.96, -5.97, -2.04
CIELCh	65, 6.307, 198.918
Yxy	33.9922, 0.2969, 0.3290
Android (android.graphics.Color)	4287668641 (0xFF90A1A1)
YUV	155.9170, 2.5059, -10.4512
Hunter-Lab	58.3029, -8.1017, 1.4950

# Details

The Hex color **90A1A1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A19090**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C6D8D8**, and **5D6D6E** is the 20% darker color. If you saturate the color by 10%, you get **80A1A1**, and if you desaturate by 10%, it is **A0A1A1**.

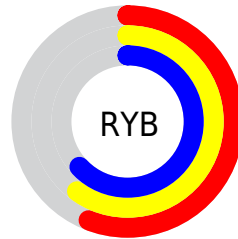
# Distribution



Red (56%)

Green (63%)

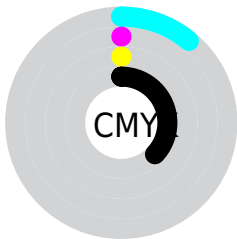
Blue (63%)



Red (56%)

Yellow (60%)

Blue (63%)

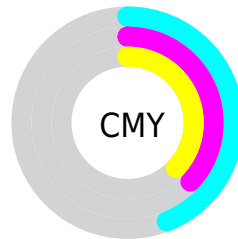


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A1A1 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 90A1A1 by changing the saturation by 10% instead.



■ 90A1A1

■ 90A1A1

FFFFFF

■ 768787

■ C6D8D8

■ 5D6D6E

■ E2F4F4

■ 465555

■ 2F3E3E

■ 1A2828

■ 001414

■ 000000

■ 90A1A1

■ 90A1A1

■ 80A1A1

■ A0A1A1

70A1A1

B0A1A1

60A1A1

C0A1A1

50A1A1

D0A1A1

40A1A1

E1A1A1

2FA1A1

F1A1A1

1FA1A1

FFA1A1

0FA1A1

00A1A1

# Harmonies

## Analogous

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



93A19B



90A1A1



91A0A6

# Triad

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



90A1A1



A39BA5



A59C93

# Complementary

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



90A1A1



A19090

# 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.



A99B95



90A1A1



A89AA0

# Square

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



90A1A1



9C9DA8



AA9A9A



9E9E93

# Rectangle

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



90A1A1



949FA8



AA9A9A



A69C93



# Sweetspot

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



90A1A1



CBD1D1



90A190



646969



E8E8E8



696969



# Same Dimension

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



90A1A1



B6D1D1



9099A1



495252



009191



001212



# Inverse Universe

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



A190A1



D1B6D1



A19990



524952



910091



120012



# Previews

## White Background



This preview shows how the Hex color 90A1A1 looks on a white background.

## Color Contrast Check

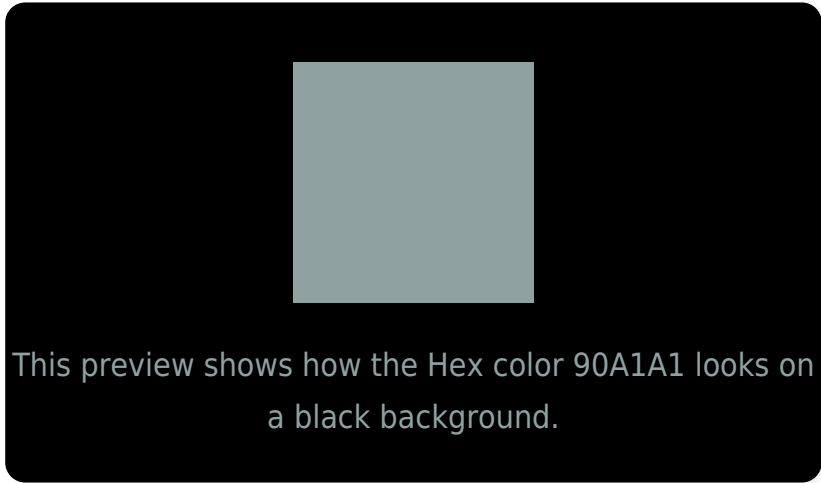
Large Text (above 18pt) WCAG AA × Fail

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

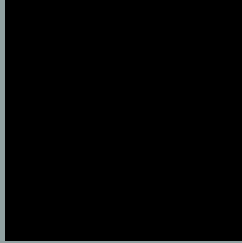
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

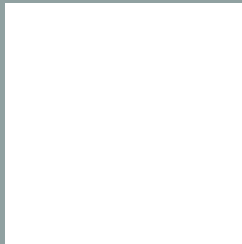
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A1A1 Background



This preview shows how black text looks on a background with the Hex color 90A1A1.

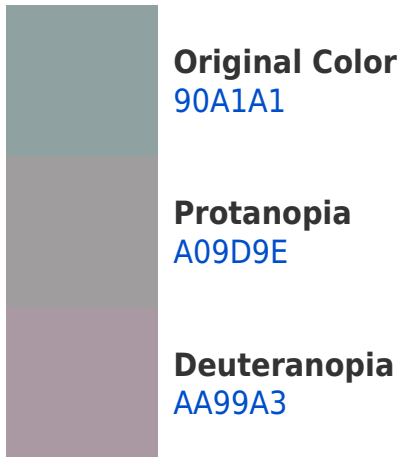


This preview shows how white text looks on a background with the Hex color 90A1A1.

# Color Blindness Simulation

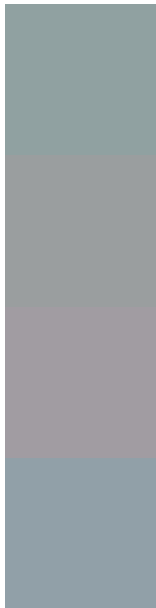
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
90A1A1

**Protanomaly**  
9A9E9F

**Deuteranomaly**  
A19CA2

**Tritanomaly**  
91A0A8

# Monochromacy



**Original Color**  
90A1A1

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
989E9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A1A1 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 #90A1A1 looks like.

```
.text, #text, p{  
    color:#90A1A1  
}
```

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 #90A1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A1A1
}
```

## Border

The CSS property to change the border of an element to Hex 90A1A1 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
#90A1A1 }
```

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

```
.border{ border-color:#90A1A1 }
```

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

Here you see how a box with a 4 pixel #90A1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A1A1; -webkit-box-shadow:4px 4px  
4px 4px #90A1A1; box-shadow:4px 4px 4px  
4px #90A1A1 }
```

# Background

The CSS property to change the background color of an element to Hex 90A1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A1A1 }
```

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

```
.background{ background-color:#90A1A1 }
```

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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