

# Converting Colors

Hex(90A096)

Have a look what the booklet for  
Hex(90A096) contains.

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# Color

**Hex(90A096)**

# Conversions

Conversions Part 1	
Format	Color
Hex	90A096
RGB	144, 160, 150
RGB Percent	56%, 63%, 59%
CMY	0.4353, 0.3725, 0.4118
CMYK	0.10, 0.00, 0.06, 0.37
HSL	143°, 8%, 60%
HSV	143°, 10%, 63%
XYZ	29.5774, 33.2729, 33.7176
YIQ	154.0760, -6.3260, -6.5020

# Conversions

## Conversions Part 2

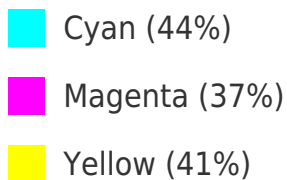
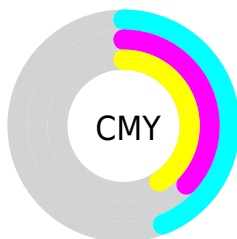
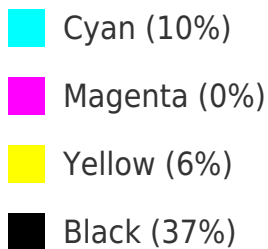
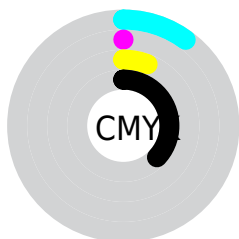
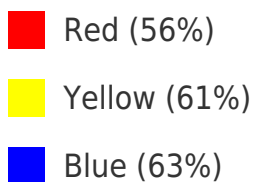
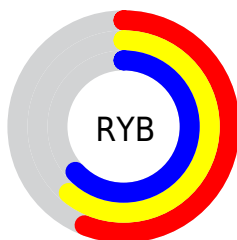
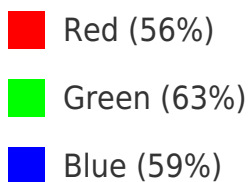
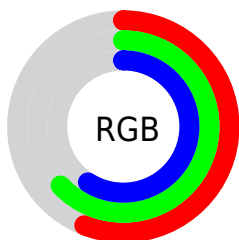
Format	Color
<a href="#">RYB</a>	<a href="#">144, 156, 160</a>
Decimal	<a href="#">9478294</a>
CIELab	<a href="#">64.38, -7.64, 3.28</a>
CIELCh	<a href="#">64, 8.318, 156.785</a>
Yxy	<a href="#">33.2729, 0.3063, 0.3446</a>
Android (android.graphics.Color)	<a href="#">4287668374</a> (0xFF90A096)
YUV	<a href="#">154.0760, -2.0095, -8.8367</a>
Hunter-Lab	<a href="#">57.6827, -9.4168, 5.7208</a>

# Details

The Hex color **90A096** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A0909A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C6D7CC**, and **5E6D63** is the 20% darker color. If you saturate the color by 10%, you get **80A08C**, and if you desaturate by 10%, it is **A0A0A0**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 90A096 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 90A096 by changing the saturation by 10% instead.

 90A096

FFFFFF

 C6D7CC

 E2F3E8

 90A096

 76867C

 5E6D63

 46544B

 2F3D35

 1A2720

 001308

 000000

 90A096

 80A08C

 90A096

 A0A0A0

 70A082

 B0A0AA

 60A078

 C0A0B4

 50A06E

 D0A0BE

 40A064

 E0A0C8

 30A05A

 F0A0D2

 20A050

 FFA0DC

 10A046

 FFA0E6

 00A03C

 FFA0F0

# Harmonies

## Analogous

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



989E90



90A096



8BA19E

# Triad

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



90A096



969CAB



AC9893

# Complementary

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



90A096



A0909A

# 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.



AC979B



90A096



A09AA8

# Square

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



90A096



8E9EA9



A798A2



A89A8F

# Rectangle

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



90A096



8AA0A2



A798A2



AC9796

# Sweetspot

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



90A096



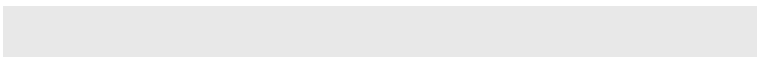
CBD1CD



9AA090



646966



E8E8E8



696969



# Same Dimension

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



90A096



B8D1C1



90A09E



474F4A



008F36



000F06



# Inverse Universe

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



A0909A



D1B8C8



A09092



4F474C



8F0059

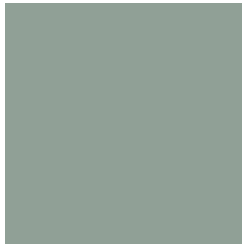


0F000A



# Previews

## White Background



This preview shows how the Hex color 90A096 looks on a white background.

## Color Contrast Check

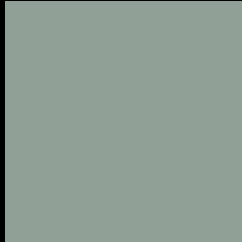
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 90A096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

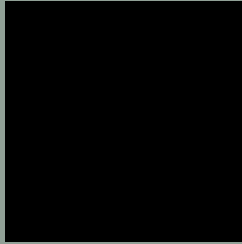
Any Text WCAG AA ✓ Pass

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 90A096 Background



This preview shows how black text looks on a background with the Hex color 90A096.

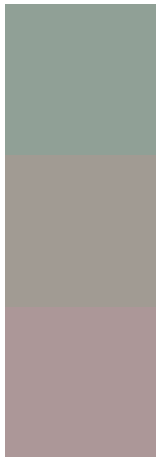


This preview shows how white text looks on a background with the Hex color 90A096.

# 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**  
90A096

**Protanopia**  
A19B93


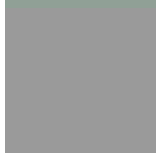
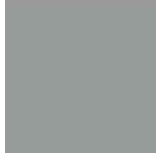
**Deuteranopia**  
AC9798



# Trichromacy

	<b>Original Color</b> 90A096
	<b>Protanomaly</b> 9B9D94
	<b>Deuteranomaly</b> A29A97
	<b>Tritanomaly</b> 929EA3

# Monochromacy

	<b>Original Color</b> 90A096
	<b>Achromatopsia</b> 9A9A9A
	<b>Achromatomaly</b> 969C99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A096 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 #90A096 looks like.

```
.text, #text, p{  
    color:#90A096  
}
```

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 #90A096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A096
}
```

## Border

The CSS property to change the border of an element to Hex 90A096 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
#90A096 }
```

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

```
.border{ border-color:#90A096 }
```

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

Here you see how a box with a 4 pixel #90A096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A096; -webkit-box-shadow:4px 4px  
4px 4px #90A096; box-shadow:4px 4px 4px  
4px #90A096 }
```

# Background

The CSS property to change the background color of an element to Hex 90A096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A096 }
```

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

```
.background{ background-color:#90A096 }
```

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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