

# Converting Colors

Hex(A18E93)

Have a look what the booklet for  
Hex(A18E93) contains.

**Hex(A18E93)** ..... 3

***Conversions*** ..... 4

***Details*** ..... 6

***Harmonies*** ..... 11

***Previews*** ..... 23

***Color Blindness Simulation*** ..... 26

***CSS Examples*** ..... 29

# Color

**Hex(A18E93)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A18E93
RGB	161, 142, 147
RGB Percent	63%, 56%, 58%
CMY	0.3686, 0.4431, 0.4235
CMYK	0.00, 0.12, 0.09, 0.37
HSL	344°, 9%, 59%
HSV	344°, 12%, 63%
XYZ	29.6374, 29.0297, 31.6450
YIQ	148.2510, 9.7190, 5.5830

# Conversions

## Conversions Part 2

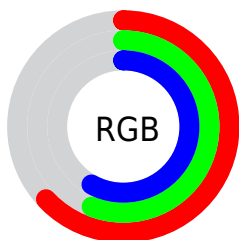
Format	Color
<a href="#">RYB</a>	<a href="#">161, 142, 147</a>
Decimal	<a href="#">10587795</a>
CIELab	<a href="#">60.81, 7.99, -0.05</a>
CIELCh	<a href="#">61, 7.987, 359.633</a>
Yxy	<a href="#">29.0297, 0.3282, 0.3214</a>
Android (android.graphics.Color)	<a href="#">4288777875</a> (0xFFA18E93)
YUV	<a href="#">148.2510, -0.6167, 11.1809</a>
Hunter-Lab	<a href="#">53.8792, 3.8992, 2.8925</a>

# Details

The Hex color **A18E93** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8EA19C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D8C4C9**, and **6D5C61** is the 20% darker color. If you saturate the color by 10%, you get **A17E87**, and if you desaturate by 10%, it is **A19E9F**.

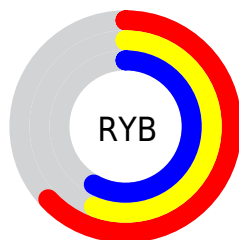
# Distribution



Red (63%)

Green (56%)

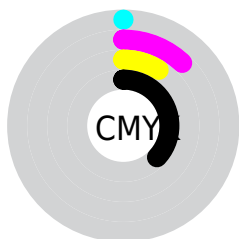
Blue (58%)



Red (63%)

Yellow (56%)

Blue (58%)

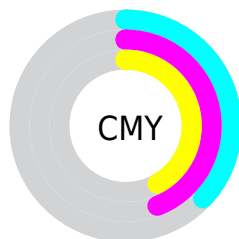


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A18E93 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 A18E93 by changing the saturation by 10% instead.



 A18E93

FFFFFF

 D8C4C9

 F4E0E5

 FFFCFF

 A18E93

 877479

 6D5C61

 554449

 3E2E32

 28191D

 140003

 000000

 A18E93

 A17E87

 A18E93

 A19E9F

 A16E7B

 A1AEAB

 A15E6F

 A1BEB7

 A14E64

 A1CEC2

 A13E58

 A1DFCE

 A12D4C

 A1EFDA

 A11D40

 A1FFE6

 A10D34

 A1FFF2

 A1002A

 A1FFFE

# Harmonies

## Analogous

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



9C8F9A



A18E93



A28E8C

# Triad

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



A18E93



919486



84959F

# Complementary

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



A18E93



8EA19C

# 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.



819799



A18E93



89968B

# Square

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



A18E93



999285



839792



8B93A1

# Rectangle

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



A18E93



A08F88



839792



83969D



# Sweetspot

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



A18E93



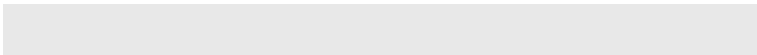
D1C9CB



9C8EA1



696365



E8E8E8



696969



# Same Dimension

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



A18E93



D1B4BC



A1928E



52494C



910026



120005



# Inverse Universe

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



A18E93



D1B4BC



8E9DA1



52494C



910026



120005



# Previews

## White Background



This preview shows how the Hex color A18E93 looks on a white background.

## Color Contrast Check

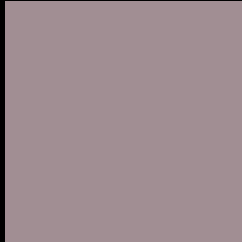
Large Text (above 18pt) WCAG AA ✓ Pass

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 A18E93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

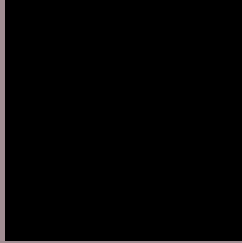
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A18E93 Background



This preview shows how black text looks on a background with the Hex color A18E93.



This preview shows how white text looks on a background with the Hex color A18E93.

# 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**

A18E93

**Protanopia**

959295

**Deuteranopia**

A18E93



# Tritanopia

A28D98

# Trichromacy

	<b>Original Color</b> A18E93
	<b>Protanomaly</b> 999194
	<b>Deuteranomaly</b> A18E93
	<b>Tritanomaly</b> A28D96

# Monochromacy

	<b>Original Color</b> A18E93
	<b>Achromatopsia</b> 949494
	<b>Achromatomaly</b> 999294

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A18E93 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 #A18E93 looks like.

```
.text, #text, p{  
    color:#A18E93  
}
```

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 #A18E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A18E93
}
```

## Border

The CSS property to change the border of an element to Hex A18E93 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
#A18E93 }
```

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

```
.border{ border-color:#A18E93 }
```

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

Here you see how a box with a 4 pixel #A18E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A18E93; -webkit-box-shadow:4px 4px  
4px 4px #A18E93; box-shadow:4px 4px 4px  
4px #A18E93 }
```

# Background

The CSS property to change the background color of an element to Hex A18E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A18E93 }
```

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

```
.background{ background-color:#A18E93 }
```

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