

# Converting Colors

Hex(A68F83)

Have a look what the booklet for  
Hex(A68F83) contains.

<b>Hex(A68F83)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A68F83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A68F83
RGB	166, 143, 131
RGB Percent	65%, 56%, 51%
CMY	0.3490, 0.4392, 0.4863
CMYK	0.00, 0.14, 0.21, 0.35
HSL	21°, 16%, 58%
HSV	21°, 21%, 65%
XYZ	29.6451, 29.3906, 25.5832
YIQ	148.5090, 17.5600, 1.1440

# Conversions

## Conversions Part 2

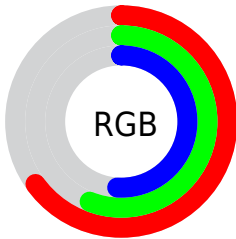
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	166, 149, 131
Decimal	10915715
CIE Lab	61.12, 6.65, 9.56
CIE LCh	61, 11.646, 55.179
Yxy	29.3906, 0.3503, 0.3473
Android (android.graphics.Color)	4289105795 (0xFFA68F83)
YUV	148.5090, -8.6319, 15.3396
Hunter-Lab	54.2131, 2.7353, 9.9702

# Details

The Hex color **A68F83** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **839AA6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **DDC5B8**, and **725D52** is the 20% darker color. If you saturate the color by 10%, you get **A68472**, and if you desaturate by 10%, it is **A69A94**.

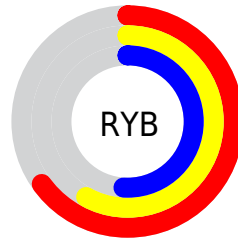
# Distribution



Red (65%)

Green (56%)

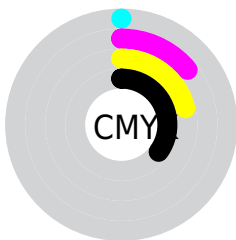
Blue (51%)



Red (65%)

Yellow (58%)

Blue (51%)

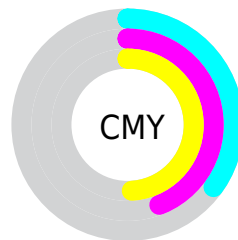


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A68F83 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 A68F83 by changing the saturation by 10% instead.



 A68F83

 A68F83

FFFFFF

 8B756A

 DDC5B8

 725D52

 FAE1D4

 59453B

 FFFDF0

 412F25

 2A1A10

 140000

 000000

 A68F83

 A68F83

 A68472

 A69A94

 A67962

 A6A5A4

 A66E51

 A6B0B5

 A66341

 A6BBC5

 A65830

 A6C6D6

 A64E1F

 A6D0E7

 A6430F

 A6DBF7

 A63900

 A6E6FF

 A6F1FF

# Harmonies

## Analogous

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



AA8D8B



A68F83



9E927F

# Triad

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



A68F83



7D9A91



9491A6

# Complementary

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



A68F83



839AA6

# 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.



8795A8



A68F83



79999C

# Square

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



A68F83



879888



7D98A4



A08E9F

# Rectangle

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



A68F83



969480



7D98A4



8F93A7



# Sweetspot

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



A68F83



D9D0CC



A6839A



6E6966



EDEDED



6E6E6E



# Same Dimension

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



A68F83



D9B5A3



A6A083



544F4C



943300



140700



# Inverse Universe

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



839AA6



A3C6D9



8389A6



4C5154



006194



000D14



# Previews

## White Background



This preview shows how the Hex color A68F83 looks on a white background.

## Color Contrast Check

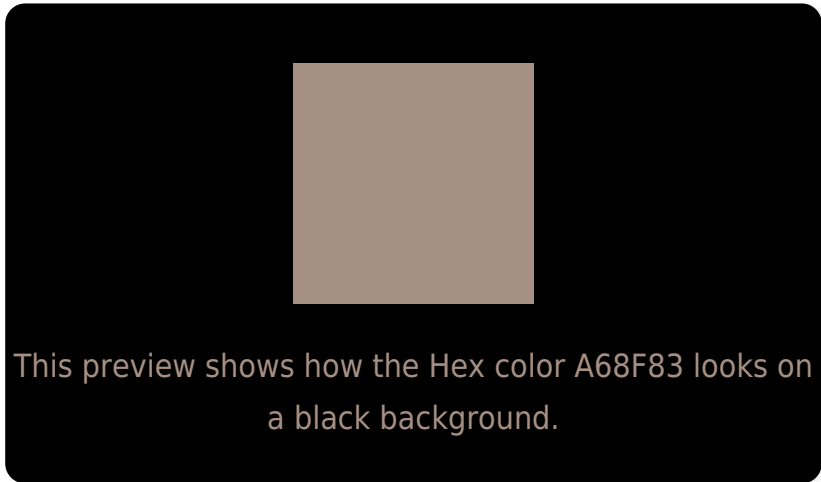
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

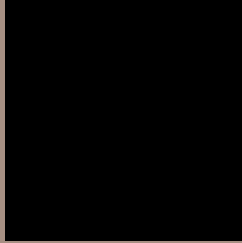
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A68F83 Background



This preview shows how black text looks on a background with the Hex color A68F83.



This preview shows how white text looks on a background with the Hex color A68F83.

# 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**  
A68F83

**Protanopia**  
9A9385

**Deuteranopia**  
A88E83



**Tritanopia**  
A88C97

# Trichromacy



**Original Color**  
A68F83

**Protanomaly**  
9E9284

**Deuteranomaly**  
A78E83

**Tritanomaly**  
A78D90

# Monochromacy



**Original Color**  
A68F83

**Achromatopsia**  
959595

**Achromatomaly**  
9B938E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A68F83 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 #A68F83 looks like.

```
.text, #text, p{  
    color:#A68F83  
}
```

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 #A68F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68F83
}
```

## Border

The CSS property to change the border of an element to Hex A68F83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

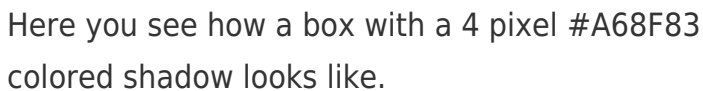
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A68F83 }
```

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

```
.border{ border-color:#A68F83 }
```

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



Here you see how a box with a 4 pixel #A68F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68F83; -webkit-box-shadow:4px 4px  
4px 4px #A68F83; box-shadow:4px 4px 4px  
4px #A68F83 }
```

# Background

The CSS property to change the background color of an element to Hex A68F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68F83 }
```

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

```
.background{ background-color:#A68F83 }
```

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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