

# Converting Colors

Hex(A66678)

Have a look what the booklet for  
Hex(A66678) contains.

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# Color

**Hex(A66678)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66678
RGB	166, 102, 120
RGB Percent	65%, 40%, 47%
CMY	0.3490, 0.6000, 0.5294
CMYK	0.00, 0.39, 0.28, 0.35
HSL	343°, 26%, 53%
HSV	343°, 39%, 65%
XYZ	23.8674, 18.9658, 20.1721
YIQ	123.1880, 32.3660, 19.1660

# Conversions

## Conversions Part 2

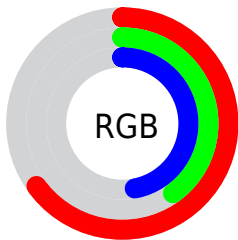
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 102, 120
Decimal	10905208
CIE <sub>Lab</sub>	50.65, 28.17, 0.89
CIE <sub>LCh</sub>	51, 28.188, 1.818
Yxy	18.9658, 0.3788, 0.3010
Android (android.graphics.Color)	4289095288 (0xFFA66678)
YUV	123.1880, -1.5717, 37.5461
Hunter-Lab	43.5497, 21.6148, 3.0219

# Details

The Hex color **A66678** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66A694**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DE9AAC**, and **703548** is the 20% darker color. If you saturate the color by 10%, you get **A6556C**, and if you desaturate by 10%, it is **A67784**.

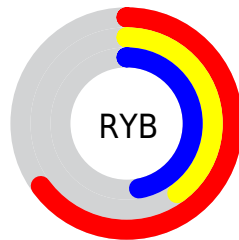
# Distribution



Red (65%)

Green (40%)

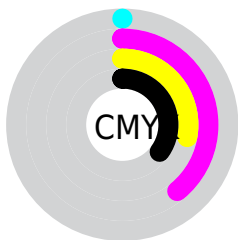
Blue (47%)



Red (65%)

Yellow (40%)

Blue (47%)

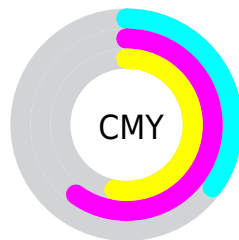


Cyan (0%)

Magenta (39%)

Yellow (28%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66678 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 A66678 by changing the saturation by 10% instead.



 A66678

 A66678

FFFFFF

 8B4D5F

 DE9AAC

 703548

 FCB5C7

 561E31

 FFD1E4

 3D061C

 FFEDFF

 2A0001

 000000

 A66678

 A66678

 A6556C

 A67784

 A64560

 A68790

 A63454

 A6989C

 A62448

 A6A8A8

 A6133C

 A6B9B4

 A60230

 A6CAC0

 A6002F

 A6DACC

 A6EBD7

 A6FBE3

# Harmonies

## Analogous

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



986A90



A66678



A66860

# Triad

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



A66678



6E7F4F



3081A2

# Complementary

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



A66678



66A694

# 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.



1A8591



A66678



518361

# Square

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



A66678



877848



328579



597AA8

# Rectangle

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



A66678



A06D54



328579



24839E



# Sweetspot

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



A66678



D9BFC6



9466A6



6E5E63



EDEDED



6E6E6E



# Same Dimension

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



A66678



D97591



A67466



544C4E



94002A



140006



# Inverse Universe

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



A66678



D97591



6698A6



544C4E



94002A

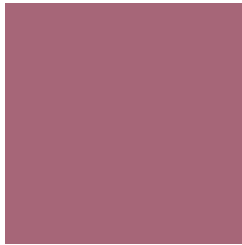


140006



# Previews

## White Background



This preview shows how the Hex color A66678 looks on a white background.

## Color Contrast Check

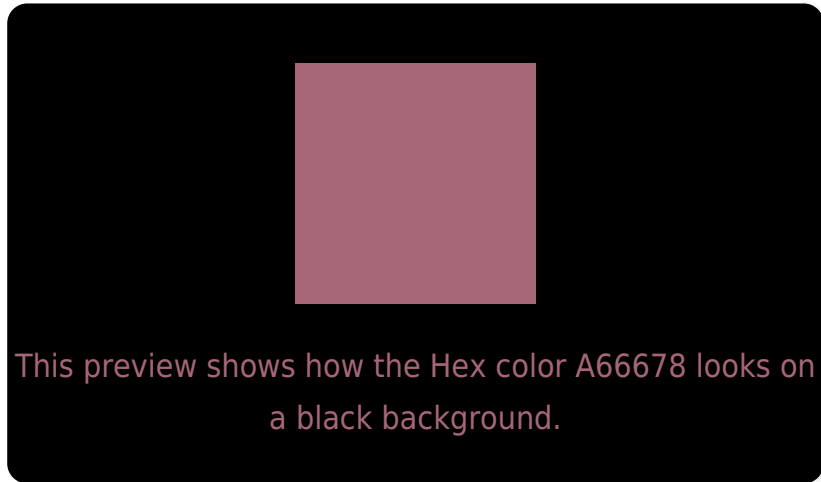
Large Text (above 18pt) WCAG AA ✓ Pass

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

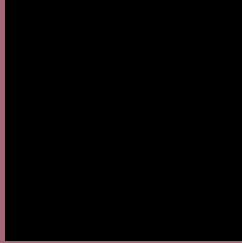
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A66678 Background



This preview shows how black text looks on a background with the Hex color A66678.



This preview shows how white text looks on a background with the Hex color A66678.

# 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**  
A66678

**Protanopia**  
787883

**Deuteranopia**  
867575



**Tritanopia**  
A5686F

# Trichromacy



**Original Color**  
A66678

**Protanomaly**  
89717F

**Deuteranomaly**  
927076

**Tritanomaly**  
A56772

# Monochromacy



**Original Color**  
A66678

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
8B737A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66678 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 #A66678 looks like.

```
.text, #text, p{  
    color:#A66678  
}
```

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 #A66678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66678  
}
```

## Border

The CSS property to change the border of an element to Hex A66678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

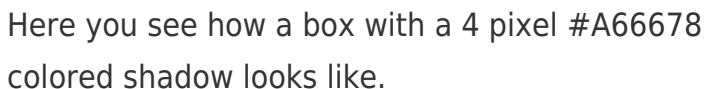
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A66678 }
```

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

```
.border{ border-color:#A66678 }
```

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



Here you see how a box with a 4 pixel #A66678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66678; -webkit-box-shadow:4px 4px  
4px 4px #A66678; box-shadow:4px 4px 4px  
4px #A66678 }
```

# Background

The CSS property to change the background color of an element to Hex A66678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66678 }
```

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

```
.background{ background-color:#A66678 }
```

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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