

# Converting Colors

Hex(A68162)

Have a look what the booklet for  
Hex(A68162) contains.

<b>Hex(A68162)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A68162)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A68162
RGB	166, 129, 98
RGB Percent	65%, 51%, 38%
CMY	0.3490, 0.4941, 0.6157
CMYK	0.00, 0.22, 0.41, 0.35
HSL	27°, 28%, 52%
HSV	27°, 41%, 65%
XYZ	25.7807, 24.6893, 14.9620
YIQ	136.5290, 32.0030, -1.7970

# Conversions

## Conversions Part 2

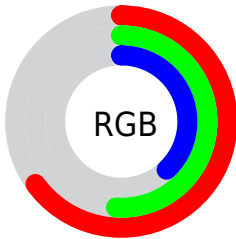
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 155, 98
Decimal	10912098
CIELab	56.77, 9.99, 22.26
CIElCh	57, 24.400, 65.832
Yxy	24.6893, 0.3940, 0.3773
Android (android.graphics.Color)	4289102178 (0xFFA68162)
YUV	136.5290, -18.9948, 25.8461
Hunter-Lab	49.6884, 5.6598, 16.9287

# Details

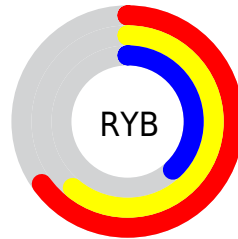
The Hex color **A68162** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6287A6**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **DEB695**, and **705033** is the 20% darker color. If you saturate the color by 10%, you get **A67851**, and if you desaturate by 10%, it is **A68A73**.

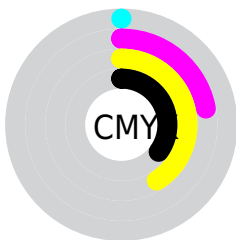
# Distribution



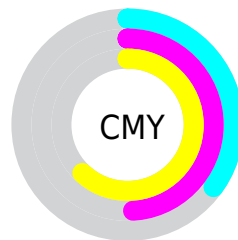
- Red (65%)
- Green (51%)
- Blue (38%)



- Red (65%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A68162 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 A68162 by changing the saturation by 10% instead.



 A68162

 A68162

FFFFFF

 8B684A

 DEB695

 705033

 FBD1B0

 57391D

 FFEECB

 3E2306

 FFFFE7

 260F00

 000000

 A68162

 A68162

 A67851

 A68A73

 A66F41

 A69383

 A66630

 A69C94

 A65D20

 A6A5A4

 A6540F

 A6AEB5

 A64C00

 A6B7C6

 A6C0D6

 A6C9E7

 A6D2F7

# Harmonies

## Analogous

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



B17B70



A68162



93885E

# Triad

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



A68162



4E948C



9181AB

# Complementary

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



A68162



6287A6

# 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.



7389B2



A68162



4693A0

# Square

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



A68162



639276



558FAE



A77B9A

# Rectangle

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



A68162



848D62



558FAE



8784AE



# Sweetspot

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



A68162



D9CBBF



A66287



6E655E



EDEDED



6E6E6E



# Same Dimension

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



A68162



D99F6F



A6A362



54504C



944300



140900



# Inverse Universe

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



6287A6



6FA8D9



6265A6



4C5054



005094



000B14



# Previews

## White Background



This preview shows how the Hex color A68162 looks on a white background.

## Color Contrast Check

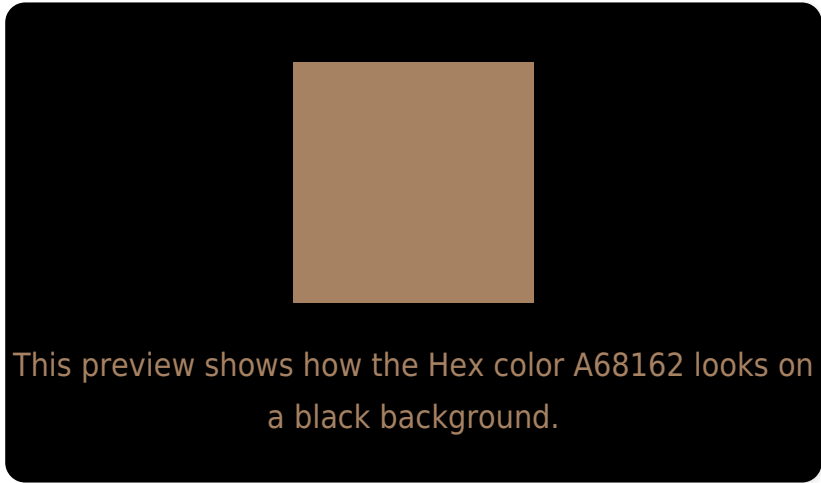
Large Text (above 18pt) WCAG AA ✓ Pass

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

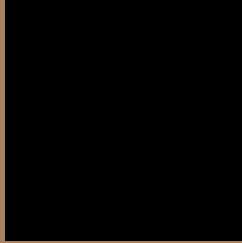
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A68162 Background



This preview shows how black text looks on a background with the Hex color A68162.



This preview shows how white text looks on a background with the Hex color A68162.

# 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**  
A68162

**Protanopia**  
928865

**Deuteranopia**  
A28362



**Tritanopia**  
A97C86

# Trichromacy



**Original Color**  
A68162

**Protanomaly**  
998564

**Deuteranomaly**  
A38262

**Tritanomaly**  
A87E79

# Monochromacy



**Original Color**  
A68162

**Achromatopsia**  
898989

**Achromatomaly**  
94867B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A68162 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 #A68162 looks like.

```
.text, #text, p{  
    color:#A68162  
}
```

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 #A68162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68162
}
```

## Border

The CSS property to change the border of an element to Hex A68162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

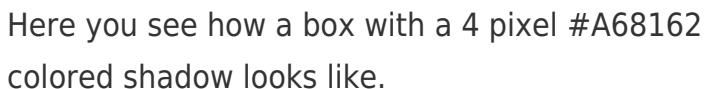
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A68162 }
```

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

```
.border{ border-color:#A68162 }
```

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



Here you see how a box with a 4 pixel #A68162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68162; -webkit-box-shadow:4px 4px  
4px 4px #A68162; box-shadow:4px 4px 4px  
4px #A68162 }
```

# Background

The CSS property to change the background color of an element to Hex A68162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68162 }
```

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

```
.background{ background-color:#A68162 }
```

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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