

# Converting Colors

Hex(A68665)

Have a look what the booklet for  
Hex(A68665) contains.

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**Color**

**Hex(A68665)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A68665                     |
| RGB           | 166, 134, 101              |
| RGB Percent   | 65%, 53%, 40%              |
| CMY           | 0.3490, 0.4745, 0.6039     |
| CMYK          | 0.00, 0.19, 0.39, 0.35     |
| HSL           | 30°, 27%, 52%              |
| HSV           | 30°, 39%, 65%              |
| XYZ           | 26.5999, 26.0968, 15.9471  |
| YIQ           | 139.8060, 29.6650, -3.4790 |

# Conversions

## Conversions Part 2

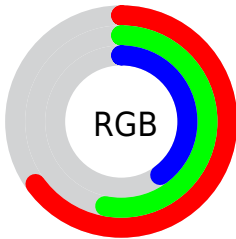
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 164, 166, 101                  |
| Decimal                             | 10913381                       |
| CIELab                              | 58.13, 7.53, 22.38             |
| CIElCh                              | 58, 23.618, 71.403             |
| Yxy                                 | 26.0968, 0.3875,<br>0.3802     |
| Android<br>(android.graphics.Color) | 4289103461<br>(0xFFFA68665)    |
| YUV                                 | 139.8060, -19.1314,<br>22.9721 |
| Hunter-Lab                          | 51.0850, 3.5462,<br>17.2510    |

# Details

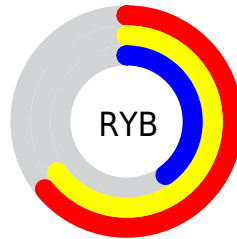
The Hex color **A68665** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6585A6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DEBB98**, and **715436** is the 20% darker color. If you saturate the color by 10%, you get **A67E54**, and if you desaturate by 10%, it is **A68E76**.

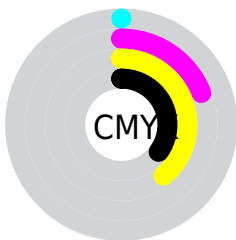
# Distribution



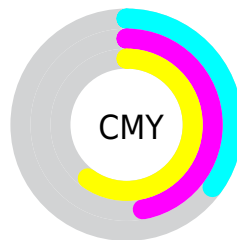
- Red (65%)
- Green (53%)
- Blue (40%)



- Red (64%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A68665 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 A68665 by changing the saturation by 10% instead.



 A68665

 A68665

FFFFFF

 8B6D4D

 DEBB98

 715436

 FBD7B3

 573D20

 FFF3CF

 3E280A

 FFFFEB

 271300

 000000

 A68665

 A68665

 A67E54

 A68E76

 A67644

 A69686

 A66D33

 A69F97

 A66523

 A6A7A7

 A65D12

 A6AFB8

 A65501

 A6B7C9

 A65400

 A6BFD9

 A6C7EA

 A6D0FA

# Harmonies

## Analogous

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



B38071



A68665



938D63

# Triad

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



A68665



519793



9984AB

# Complementary

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



A68665



6585A6

# 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.



7D8BB4



A68665



4E96A6

# Square

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



A68665



64967E



6091B2



AD7E99

# Rectangle

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



A68665



839168



6091B2



9086AF



# Sweetspot

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



A68665



D9CCBF



A66585



6E665E



EDEDED



6E6E6E



# Same Dimension

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



A68665



D9A773



A6A665



54504C



944B00



140A00



# Inverse Universe

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



6585A6



73A5D9



6565A6



4C5054



004994

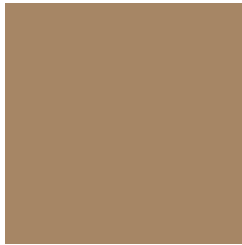


000A14



# Previews

## White Background



This preview shows how the Hex color A68665 looks on a white background.

## Color Contrast Check

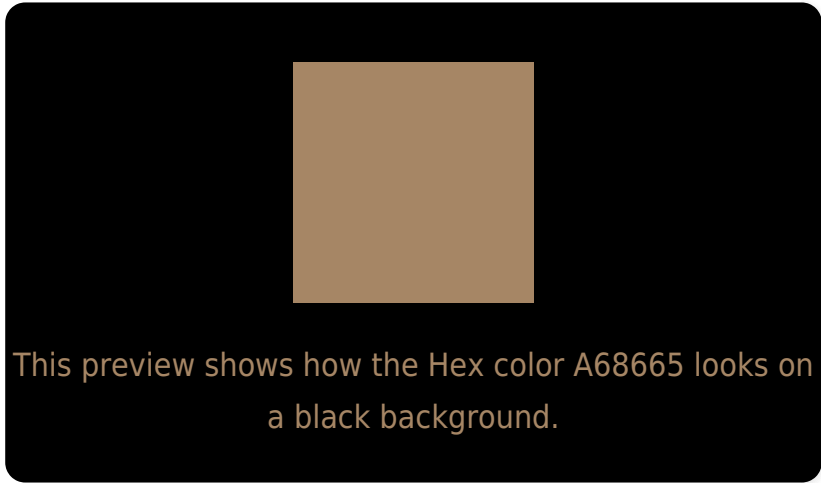
Large Text (above 18pt) WCAG AA ✓ Pass

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

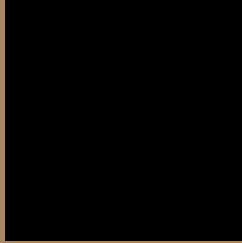
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A68665 Background



This preview shows how black text looks on a background with the Hex color A68665.



This preview shows how white text looks on a background with the Hex color A68665.

# 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**  
A68665

**Protanopia**  
968C68

**Deuteranopia**  
A68665



**Tritanopia**  
AA818B

# Trichromacy



**Original Color**  
A68665

**Protanomaly**  
9C8A67

**Deuteranomaly**  
A68665

**Tritanomaly**  
A9837D

# Monochromacy



**Original Color**  
A68665

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
958A7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A68665 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 #A68665 looks like.

```
.text, #text, p{  
    color:#A68665  
}
```

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 #A68665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68665
}
```

## Border

The CSS property to change the border of an element to Hex A68665 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
#A68665 }
```

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

```
.border{ border-color:#A68665 }
```

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

Here you see how a box with a 4 pixel #A68665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68665; -webkit-box-shadow:4px 4px  
4px 4px #A68665; box-shadow:4px 4px 4px  
4px #A68665 }
```

# Background

The CSS property to change the background color of an element to Hex A68665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68665 }
```

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

```
.background{ background-color:#A68665 }
```

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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