

# Converting Colors

Hex(A66166)

Have a look what the booklet for  
Hex(A66166) contains.

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# Color

**Hex(A66166)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66166
RGB	166, 97, 102
RGB Percent	65%, 38%, 40%
CMY	0.3490, 0.6196, 0.6000
CMYK	0.00, 0.42, 0.39, 0.35
HSL	356°, 28%, 52%
HSV	356°, 42%, 65%
XYZ	22.3989, 17.6157, 14.7900
YIQ	118.2010, 39.5190, 16.1830

# Conversions

## Conversions Part 2

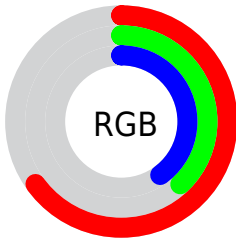
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 97, 102
Decimal	10903910
CIE <sub>Lab</sub>	49.03, 28.55, 9.31
CIE <sub>LCh</sub>	49, 30.030, 18.052
Yxy	17.6157, 0.4087, 0.3214
Android (android.graphics.Color)	4289093990 (0xFFA66166)
YUV	118.2010, -7.9871, 41.9197
Hunter-Lab	41.9710, 21.8115, 8.4868

# Details

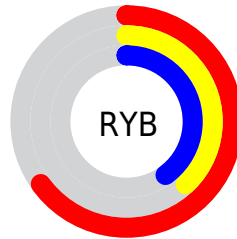
The Hex color **A66166** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61A6A1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **DF9599**, and **6F3137** is the 20% darker color. If you saturate the color by 10%, you get **A65057**, and if you desaturate by 10%, it is **A67275**.

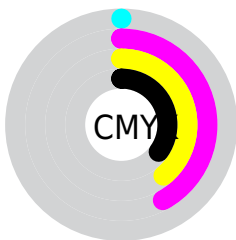
# Distribution



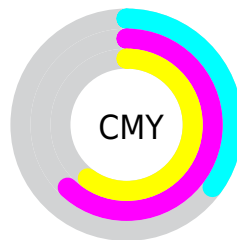
- Red (65%)
- Green (38%)
- Blue (40%)



- Red (65%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66166 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 A66166 by changing the saturation by 10% instead.



 A66166

 A66166

FFFFFF

 8A484E

 DF9599

 6F3137

 FCB0B4

 551922

 FFCBCF

 3C010C

 FFE8EB

 260001

 000000

 A66166

 A66166

 A65057

 A67275

 A64047

 A68285

 A62F38

 A69394

 A61F28

 A6A3A4

 A60E19

 A6B4B3

 A6000C

 A6C5C2

 A6D5D2

 A6E6E1

 A6F6F1

# Harmonies

## Analogous

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



9F6280



A66166



9F6750

# Triad

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



A66166



597E52



3B7AA6

# Complementary

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



A66166



61A6A1

# 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.



00809A



A66166



378169

# Square

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



A66166



767843



038283



6872A5

# Rectangle

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



A66166



956C46



038283



2A7CA3



# Sweetspot

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



A66166



D9BFC1



A061A6



6E5E5F



EDEDED



6E6E6E



# Same Dimension

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



A66166



D96C74



A67E61



544C4C



94000B



140001



# Inverse Universe

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



A66166



D96C74



6189A6



544C4C



94000B

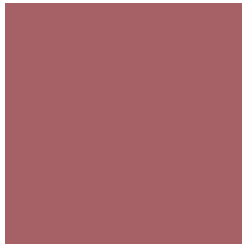


140001



# Previews

## White Background



This preview shows how the Hex color A66166 looks on a white background.

## Color Contrast Check

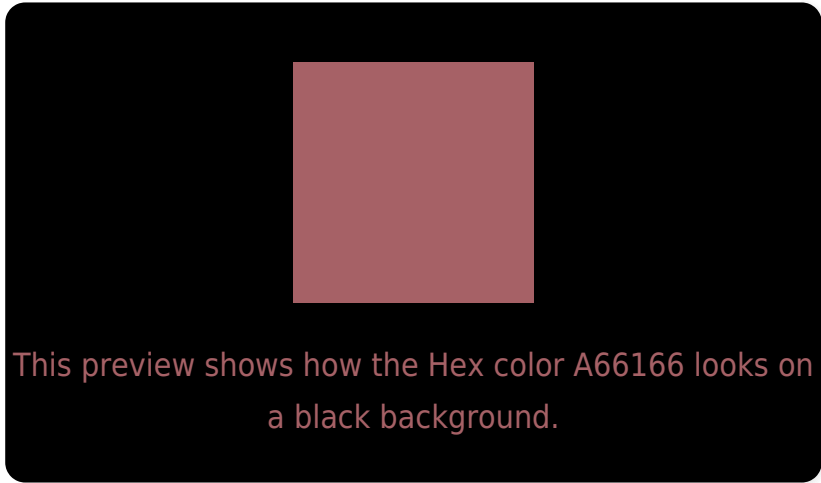
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

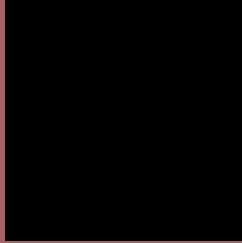
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A66166 Background



This preview shows how black text looks on a background with the Hex color A66166.



This preview shows how white text looks on a background with the Hex color A66166.

# 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**  
A66166

**Protanopia**  
787470

**Deuteranopia**  
867163



**Tritanopia**  
A66168

# Trichromacy



**Original Color**  
A66166

**Protanomaly**  
896D6C

**Deuteranomaly**  
926B64

**Tritanomaly**  
A66167

# Monochromacy



**Original Color**  
A66166

**Achromatopsia**  
767676

**Achromatomaly**  
876E70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66166 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 #A66166 looks like.

```
.text, #text, p{  
    color:#A66166  
}
```

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 #A66166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66166
}
```

## Border

The CSS property to change the border of an element to Hex A66166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

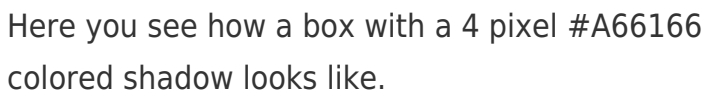
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A66166 }
```

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

```
.border{ border-color:#A66166 }
```

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



Here you see how a box with a 4 pixel #A66166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66166; -webkit-box-shadow:4px 4px  
4px 4px #A66166; box-shadow:4px 4px 4px  
4px #A66166 }
```

# Background

The CSS property to change the background color of an element to Hex A66166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66166 }
```

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

```
.background{ background-color:#A66166 }
```

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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