

Converting Colors

Hex(AA6566)

Have a look what the booklet for
Hex(AA6566) contains.

Hex(AA6566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA6566)

Conversions

Conversions Part 1

Format	Color
Hex	AA6566
RGB	170, 101, 102
RGB Percent	67%, 40%, 40%
CMY	0.3333, 0.6039, 0.6000
CMYK	0.00, 0.41, 0.40, 0.33
HSL	359°, 29%, 53%
HSV	359°, 41%, 67%
XYZ	23.6295, 18.8127, 14.9562
YIQ	121.7450, 40.8030, 14.9390

Conversions

Conversions Part 2

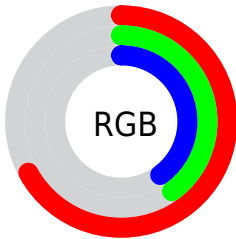
Format	Color
R_{YB}	170, 101, 102
Decimal	11167078
CIE _{Lab}	50.47, 27.90, 11.41
CIE _{LCh}	50, 30.139, 22.237
Yxy	18.8127, 0.4117, 0.3278
Android (android.graphics.Color)	4289357158 (0xFFAA6566)
YUV	121.7450, -9.7343, 42.3196
Hunter-Lab	43.3736, 21.3412, 9.9170

Details

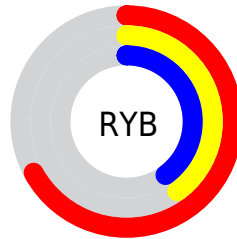
The Hex color **AA6566** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65AAA9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E39999**, and **733437** is the 20% darker color. If you saturate the color by 10%, you get **AA5455**, and if you desaturate by 10%, it is **AA7677**.

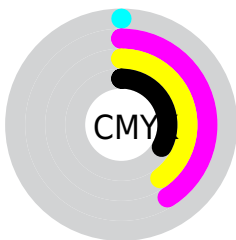
Distribution



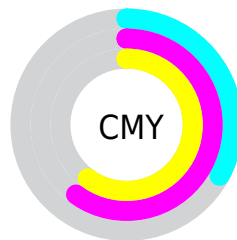
- Red (67%)
- Green (40%)
- Blue (40%)



- Red (67%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA6566 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 AA6566 by changing the saturation by 10% instead.

■ AA6566

■ AA6566

FFFFFF

■ 8E4C4E

■ E39999

■ 733437

■ FFB4B4

■ 591D22

■ FFD0CF

■ 3F050C

■ FFECEB

■ 2A0001

■ 000000

■ AA6566

■ AA6566

■ AA5455

■ AA7677

■ AA4344

■ AA8788

■ AA3234

■ AA9898

■ AA2123

■ AAA9A9

■ AA1012

■ AABABA

■ AA0002

■ AACBCB

■ AADCDB

■ AAEDCE

■ AAFFFD

Harmonies

Analogous

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



A56580



AA6566



A26B50

Triad

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



AA6566



588258



467DAB

Complementary

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



AA6566



65AAA9

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.



1083A0



AA6566



358570

Square

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



AA6566



767C48



04868B



7174A8

Rectangle

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



AA6566



967147



04868B



367FA8

Sweetspot

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



AA6566



DEC3C4



A965AA



706061



F0F0F0



707070

Same Dimension

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



AA6566



DE7173



AA8665



544C4C



940002



140000

Inverse Universe

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



AA6566



DE7173



6589AA



544C4C



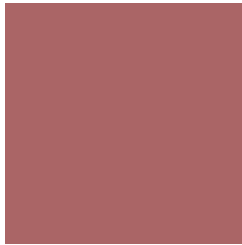
940002



140000

Previews

White Background



This preview shows how the Hex color AA6566 looks on a white background.

Color Contrast Check

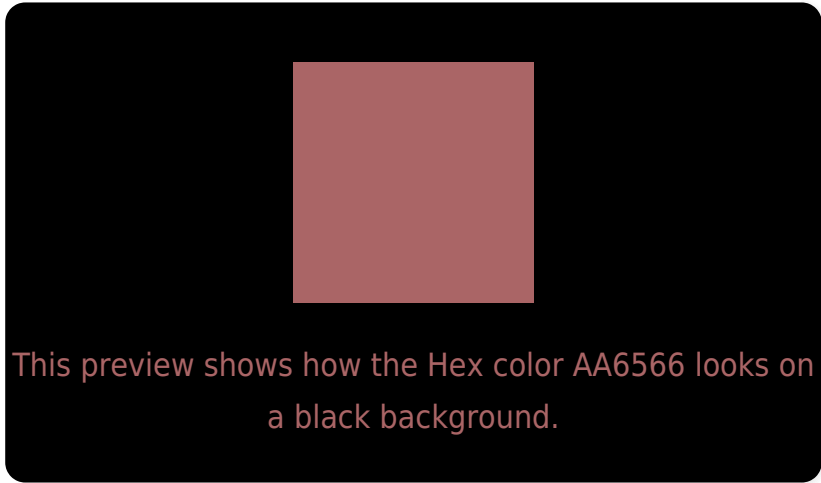
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA6566 Background



This preview shows how black text looks on a background with the Hex color AA6566.

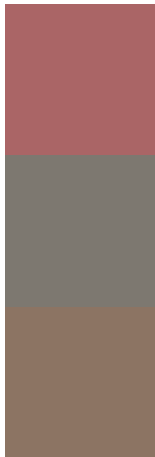


This preview shows how white text looks on a background with the Hex color AA6566.

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
AA6566

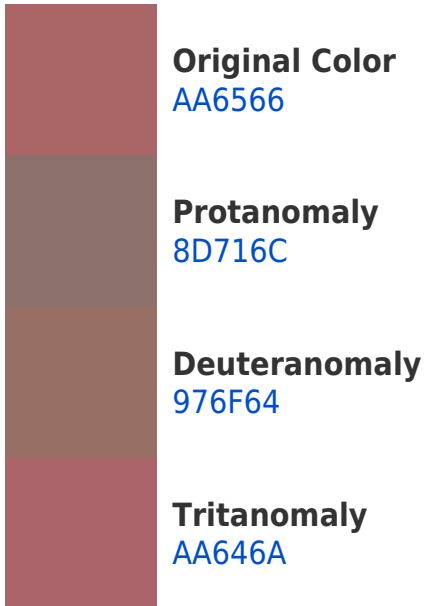
Protanopia
7D7870

Deuteranopia
8C7463



Tritanopia
AA646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA6566 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 #AA6566 looks like.

```
.text, #text, p{  
    color:#AA6566  
}
```

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 #AA6566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6566
}
```

Border

The CSS property to change the border of an element to Hex AA6566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

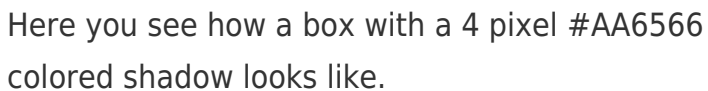
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA6566 }
```

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

```
.border{ border-color:#AA6566 }
```

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



Here you see how a box with a 4 pixel #AA6566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6566; -webkit-box-shadow:4px 4px  
4px 4px #AA6566; box-shadow:4px 4px 4px  
4px #AA6566 }
```

Background

The CSS property to change the background color of an element to Hex AA6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6566 }
```

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

```
.background{ background-color:#AA6566 }
```

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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