

Converting Colors

Hex(AA5555)

Have a look what the booklet for
Hex(AA5555) contains.

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Color

Hex(AA5555)

Conversions

Conversions Part 1

Format	Color
Hex	AA5555
RGB	170, 85, 85
RGB Percent	67%, 33%, 33%
CMY	0.3333, 0.6667, 0.6667
CMYK	0.00, 0.50, 0.50, 0.33
HSL	0°, 33%, 50%
HSV	0°, 50%, 67%
XYZ	21.4658, 15.6989, 10.4932
YIQ	110.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

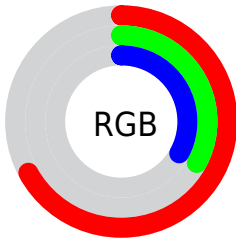
Format	Color
R _Y B	170, 85, 85
Decimal	11162965
CIE Lab	46.58, 34.76, 16.20
CIE LCh	47, 38.349, 24.982
Yxy	15.6989, 0.4504, 0.3294
Android (android.graphics.Color)	4289353045 (0xFFAA5555)
YUV	110.4150, -12.5296, 52.2560
Hunter-Lab	39.6219, 27.3669, 12.0334

Details

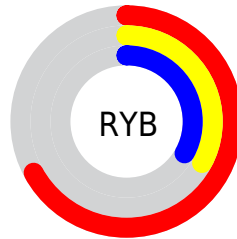
The Hex color **AA5555** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55AAAA**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E48987**, and **722328** is the 20% darker color. If you saturate the color by 10%, you get **AA4444**, and if you desaturate by 10%, it is **AA6666**.

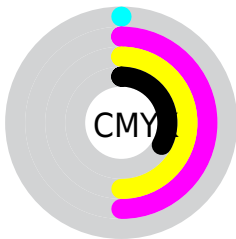
Distribution



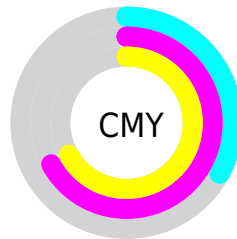
- Red (67%)
- Green (33%)
- Blue (33%)



- Red (67%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5555 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 AA5555 by changing the saturation by 10% instead.

■ AA5555

■ AA5555

FFFFFF

■ 8E3C3E

■ E48987

■ 722328

■ FFA4A1

■ 560814

■ FFBFBC

■ 3C0000

■ FFDBD7

■ 220001

■ FFF8F4

■ 000000

■ AA5555

■ AA5555

■ AA4444

■ AA6666

■ AA3333

■ AA7777

■ AA2222

■ AA8888

■ AA1111

■ AA9999

■ AA0000

■ AAAAAA

■ AABBBB

■ AACCCC

■ AADDDD

■ AAEEEE

Harmonies

Analogous

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



A75375



AA5555



9E5F3A

Triad

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



AA5555



3F7B48



1E73AE

Complementary

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



AA5555



55AAAA

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.



007BA2



AA5555



007E68

Square

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



AA5555



667531



007E89



6868A9

Rectangle

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



AA5555



8F672F



007E89



0076AC

Sweetspot

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



AA5555



DEBDBD



AA55AA



705C5C



F0F0F0



707070

Same Dimension

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



AA5555



DE5959



AA7F55



544C4C



940000



140000

Inverse Universe

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



55AAAA



59DEDE



557FAA



4C5454



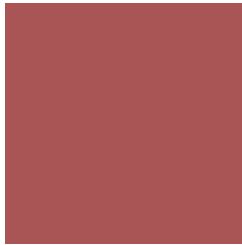
009494



001414

Previews

White Background



This preview shows how the Hex color AA5555 looks on a white background.

Color Contrast Check

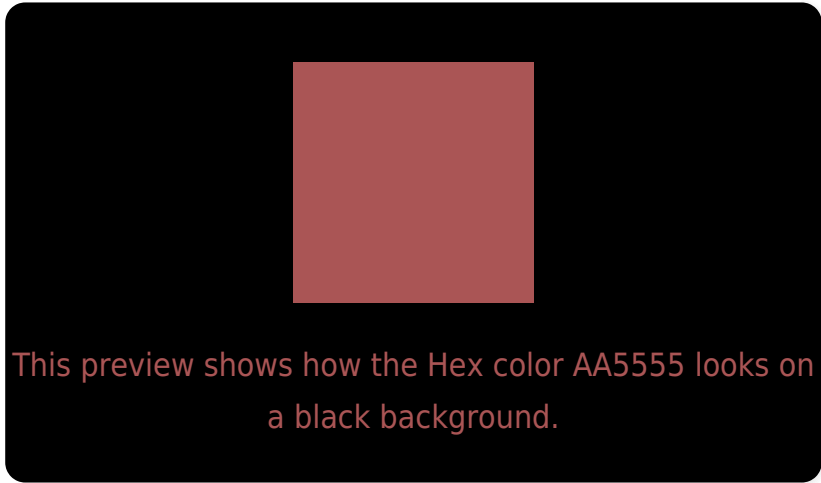
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AA5555 Background



This preview shows how black text looks on a background with the Hex color AA5555.

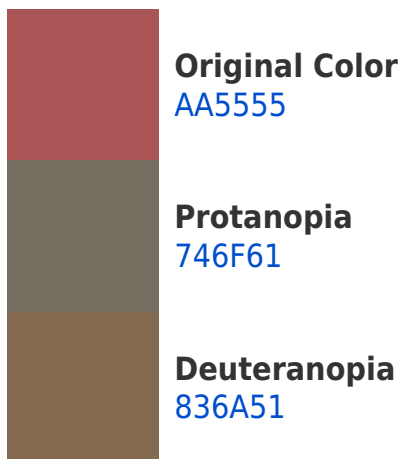



This preview shows how white text looks on a background with the Hex color AA5555.

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](#).

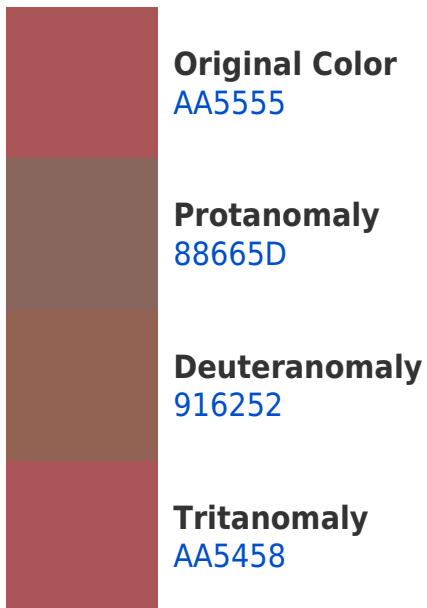
Dichromacy



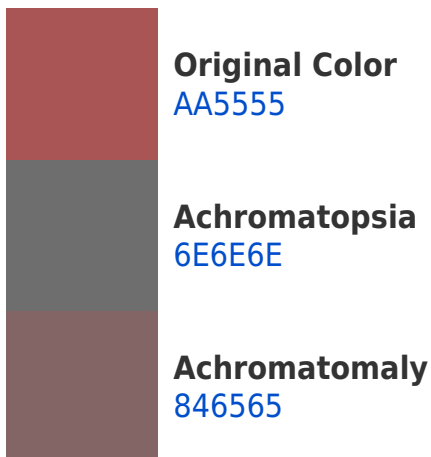


Tritanopia
AA545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5555 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 #AA5555 looks like.

```
.text, #text, p{  
    color:#AA5555  
}
```

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 #AA5555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5555
}
```

Border

The CSS property to change the border of an element to Hex AA5555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

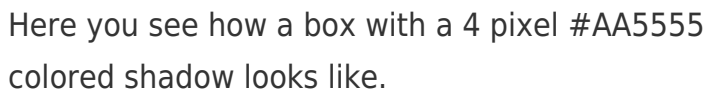
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA5555 }
```

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

```
.border{ border-color:#AA5555 }
```

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



Here you see how a box with a 4 pixel #AA5555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5555; -webkit-box-shadow:4px 4px  
4px 4px #AA5555; box-shadow:4px 4px 4px  
4px #AA5555 }
```

Background

The CSS property to change the background color of an element to Hex AA5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5555 }
```

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

```
.background{ background-color:#AA5555 }
```

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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