

Converting Colors

Hex(AA5327)

Have a look what the booklet for
Hex(AA5327) contains.

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Color

Hex(AA5327)

Conversions

Conversions Part 1

Format	Color
Hex	AA5327
RGB	170, 83, 39
RGB Percent	67%, 33%, 15%
CMY	0.3333, 0.6745, 0.8471
CMYK	0.00, 0.51, 0.77, 0.33
HSL	20°, 63%, 41%
HSV	20°, 77%, 67%
XYZ	20.0370, 14.8790, 3.7353
YIQ	103.9970, 65.9760, 4.7600

Conversions

Conversions Part 2

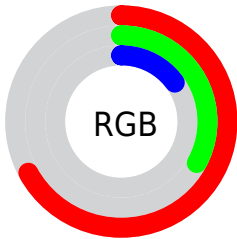
Format	Color
R _Y B	170, 105, 39
Decimal	11162407
CIE Lab	45.47, 32.63, 40.99
CIE LCh	45, 52.394, 51.481
Yxy	14.8790, 0.5184, 0.3850
Android (android.graphics.Color)	4289352487 (0xFFAA5327)
YUV	103.9970, -32.0435, 57.8846
Hunter-Lab	38.5734, 25.2189, 21.2599

Details

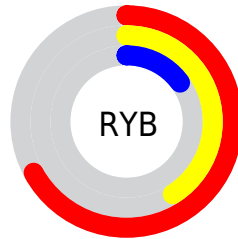
The Hex color **AA5327** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **277EAA**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E68657**, and **702200** is the 20% darker color. If you saturate the color by 10%, you get **AA4816**, and if you desaturate by 10%, it is **AA5E38**.

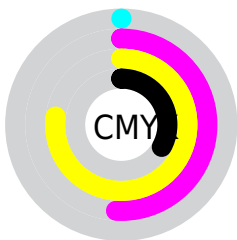
Distribution



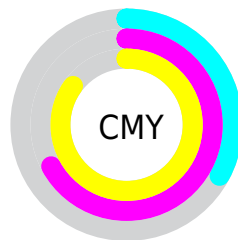
- Red (67%)
- Green (33%)
- Blue (15%)



- Red (67%)
- Yellow (41%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5327 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 AA5327 by changing the saturation by 10% instead.

■ AA5327

■ AA5327

FFFFFF

■ 8D3B0F

■ E68657

■ 702200

■ FFA170

■ 530800

■ FFBC8A

■ 380000

■ FFD8A4

■ 1A0001

■ FFF5C0

■ 000000

■ FFFFDC

■ FFFFF9

■ AA5327

■ AA5327

■ AA4816

■ AA5E38

■ AA3C05

■ AA6A49

■ AA3900

■ AA755A

■ AA806B

■ AA8B7C

■ AA978D

■ AAA29E

■ AAADAF

■ AAB9C0

Harmonies

Analogous

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



B9434E



AA5327



8C6504

Triad

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



AA5327



007F5D



5265BE

Complementary

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



AA5327



277EAA

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.



0074C2



AA5327



00808A

Square

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



AA5327



287B31



007DB0



9451A3

Rectangle

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



AA5327



716F00



007DB0



286BC2

Sweetspot

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



AA5327



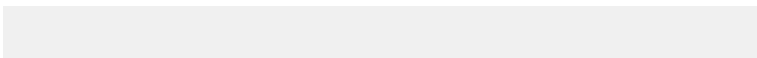
DEBCAB



AA277E



705B51



F0F0F0



707070

Same Dimension

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



AA5327



DE5612



AA9427



544F4C



943200



140700

Inverse Universe

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



277EAA



1299DE



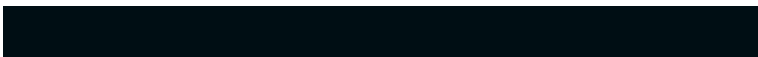
273DAA



4C5154



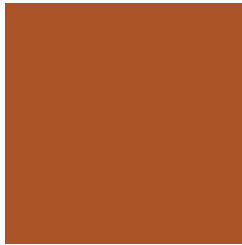
006294



000E14

Previews

White Background



This preview shows how the Hex color AA5327 looks on a white background.

Color Contrast Check

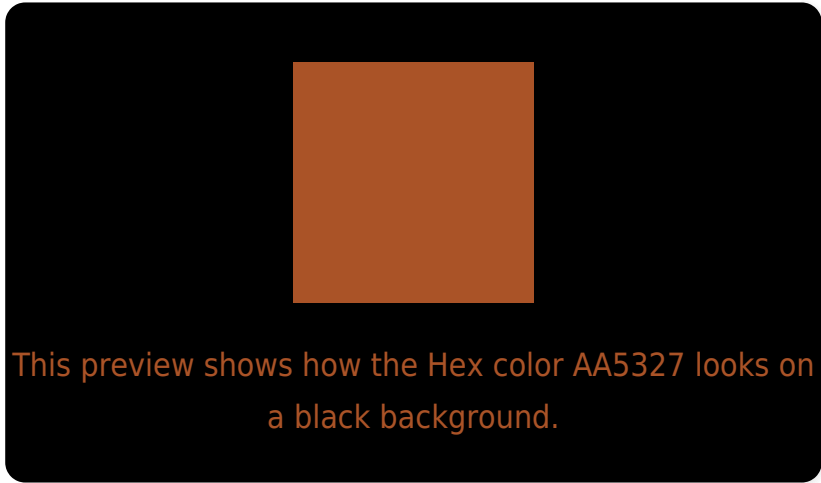
Large Text (above 18pt) WCAG AA ✓ Pass

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

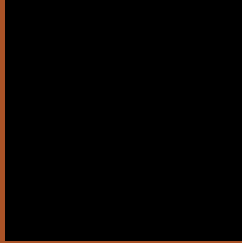
Any Text WCAG AA × Fail

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 AA5327 Background



This preview shows how black text looks on a background with the Hex color AA5327.



This preview shows how white text looks on a background with the Hex color AA5327.

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
AA5327

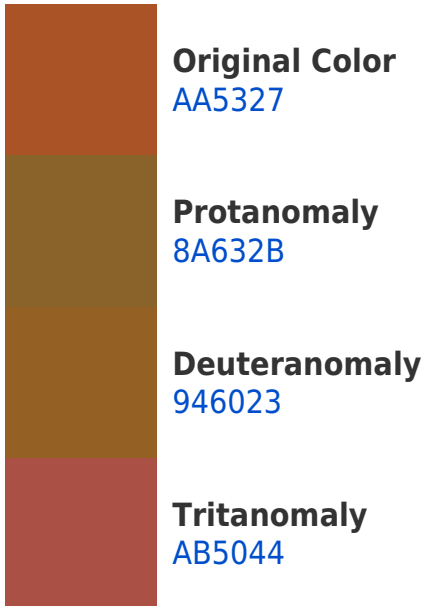
Protanopia
786C2E

Deuteranopia
886721

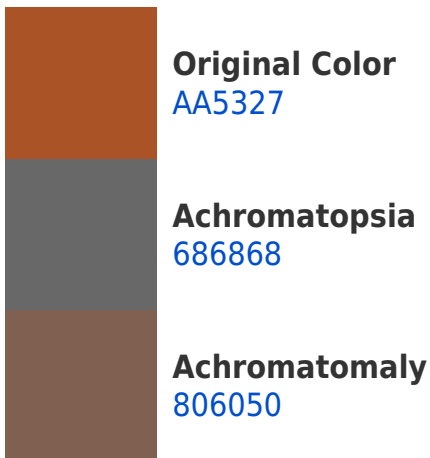


Tritanopia
AC4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5327 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 #AA5327 looks like.

```
.text, #text, p{  
    color:#AA5327  
}
```

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 #AA5327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5327  
}
```

Border

The CSS property to change the border of an element to Hex AA5327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

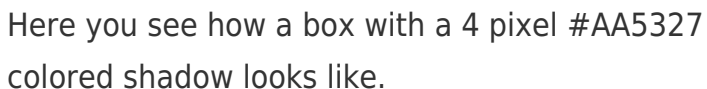
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA5327 }
```

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

```
.border{ border-color:#AA5327 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #AA5327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5327; -webkit-box-shadow:4px 4px  
4px 4px #AA5327; box-shadow:4px 4px 4px  
4px #AA5327 }
```

Background

The CSS property to change the background color of an element to Hex AA5327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5327 }
```

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

```
.background{ background-color:#AA5327 }
```

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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