

Converting Colors

Hex(AA4D30)

Have a look what the booklet for
Hex(AA4D30) contains.

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Color

Hex(AA4D30)

Conversions

Conversions Part 1

Format	Color
Hex	AA4D30
RGB	170, 77, 48
RGB Percent	67%, 30%, 19%
CMY	0.3333, 0.6980, 0.8118
CMYK	0.00, 0.55, 0.72, 0.33
HSL	14°, 56%, 43%
HSV	14°, 72%, 67%
XYZ	19.7649, 14.0672, 4.4698
YIQ	101.5010, 64.7370, 10.6970

Conversions

Conversions Part 2

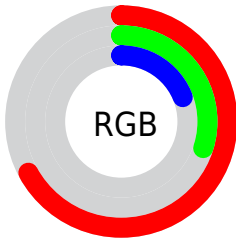
Format	Color
RYB	170, 86, 48
Decimal	11160880
CIELab	44.33, 36.19, 35.02
CIElCh	44, 50.359, 44.064
Yxy	14.0672, 0.5160, 0.3673
Android (android.graphics.Color)	4289350960 (0xFFAA4D30)
YUV	101.5010, -26.3760, 60.0736
Hunter-Lab	37.5063, 28.4294, 19.1885

Details

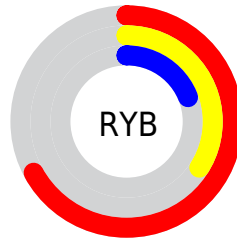
The Hex color **AA4D30** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **308DAA**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **E6805F**, and **701B02** is the 20% darker color. If you saturate the color by 10%, you get **AA401F**, and if you desaturate by 10%, it is **AA5A41**.

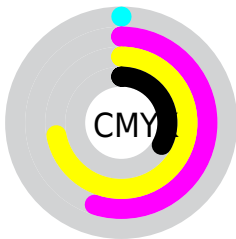
Distribution



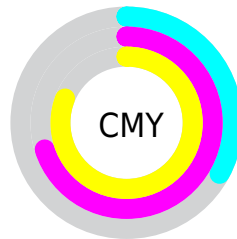
- Red (67%)
- Green (30%)
- Blue (19%)



- Red (67%)
- Yellow (34%)
- Blue (19%)



- Cyan (0%)
- Magenta (55%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4D30 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 AA4D30 by changing the saturation by 10% instead.

 AA4D30

 AA4D30

FFFFFF

 8D341A

 E6805F

 701B02

 FF9B78

 530000

 FFB692

 380000

 FFD2AD

 180001

 FFEFC9

 000000

 FFFFEE

 AA4D30

 AA4D30

 AA401F

 AA5A41

■ AA330E

■ AA6752

■ AA2800

■ AA7463

■ AA8174

■ AA8E85

■ AA9B96

■ AAA8A7

■ AAB5B8

■ AAC2C9

Harmonies

Analogous

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



B44057



AA4D30



905F0F

Triad

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



AA4D30



007B50



3767BA

Complementary

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



AA4D30



308DAA

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.



0074B9



AA4D30



007D7C

Square

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



AA4D30



3B7628



007BA2



8455A5

Rectangle

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



AA4D30



786903



007BA2



006CBD

Sweetspot

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



AA4D30



DEB9AD



AA308E



705A53



F0F0F0



707070

Same Dimension

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



AA4D30



DE4C1F



AA8930



544E4C



942300



140500

Inverse Universe

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



308DAA



1FB0DE



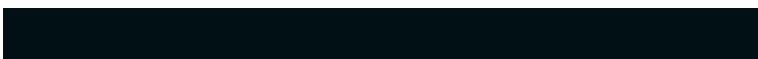
3051AA



4C5254



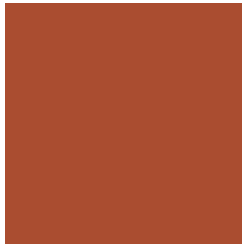
007194



001014

Previews

White Background



This preview shows how the Hex color AA4D30 looks on a white background.

Color Contrast Check

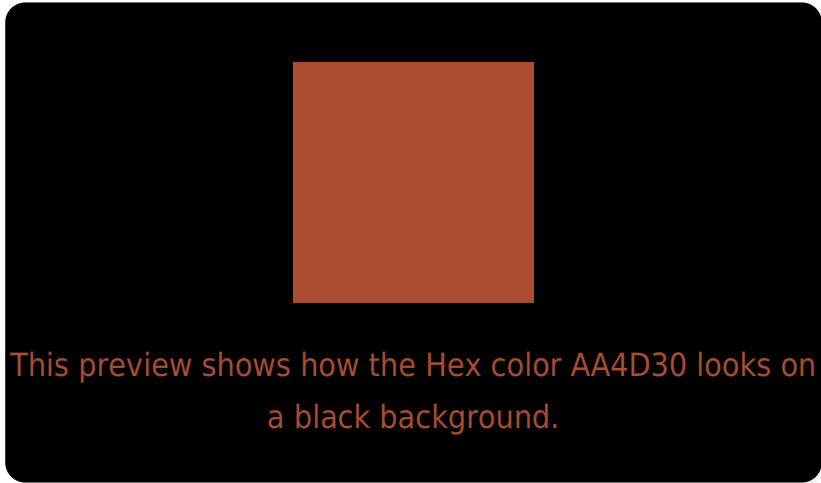
Large Text (above 18pt) WCAG AA ✓ Pass

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

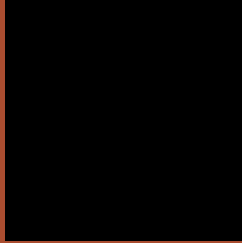
Any Text WCAG AA × Fail

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 AA4D30 Background



This preview shows how black text looks on a background with the Hex color AA4D30.



This preview shows how white text looks on a background with the Hex color AA4D30.

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
AA4D30

Protanopia
746A39

Deuteranopia
83642B



Tritanopia
AB494E

Trichromacy



Original Color
AA4D30

Protanomaly
885F36

Deuteranomaly
915C2D

Tritanomaly
AB4A43

Monochromacy



Original Color
AA4D30

Achromatopsia
666666

Achromatomaly
7F5D52

CSS Examples

Text

The CSS property to change the color of the text to Hex AA4D30 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 #AA4D30 looks like.

```
.text, #text, p{  
    color:#AA4D30  
}
```

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 #AA4D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4D30
}
```

Border

The CSS property to change the border of an element to Hex AA4D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

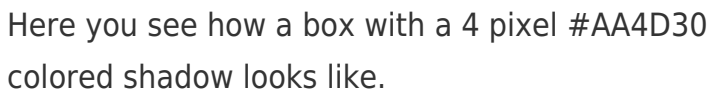
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA4D30 }
```

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

```
.border{ border-color:#AA4D30 }
```

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



Here you see how a box with a 4 pixel `#AA4D30` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4D30; -webkit-box-shadow:4px 4px  
4px 4px #AA4D30; box-shadow:4px 4px 4px  
4px #AA4D30 }
```

Background

The CSS property to change the background color of an element to Hex AA4D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4D30 }
```

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

```
.background{ background-color:#AA4D30 }
```

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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