

# Converting Colors

Hex(AA4625)

Have a look what the booklet for  
Hex(AA4625) contains.

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# Color

**Hex(AA4625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA4625
RGB	170, 70, 37
RGB Percent	67%, 27%, 15%
CMY	0.3333, 0.7255, 0.8549
CMYK	0.00, 0.59, 0.78, 0.33
HSL	15°, 64%, 41%
HSV	15°, 78%, 67%
XYZ	19.1017, 13.0599, 3.2643
YIQ	96.1380, 70.1930, 10.9370

# Conversions

## Conversions Part 2

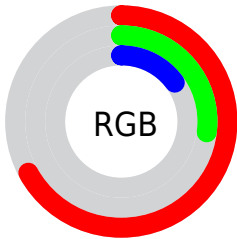
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 81, 37
Decimal	11159077
CIE <sub>Lab</sub>	42.85, 39.20, 39.34
CIE <sub>LCh</sub>	43, 55.533, 45.106
Yxy	13.0599, 0.5392, 0.3687
Android (android.graphics.Color)	4289349157 (0xFFAA4625)
YUV	96.1380, -29.1550, 64.7770
Hunter-Lab	36.1385, 31.1068, 19.9414

# Details

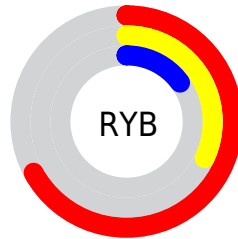
The Hex color **AA4625** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2589AA**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E77A54**, and **6F1100** is the 20% darker color. If you saturate the color by 10%, you get **AA3914**, and if you desaturate by 10%, it is **AA5336**.

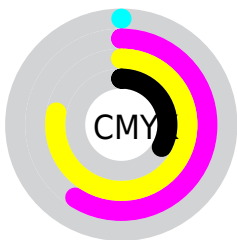
# Distribution



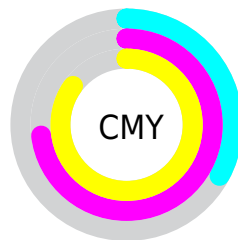
- Red (67%)
- Green (27%)
- Blue (15%)



- Red (67%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (78%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA4625 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 AA4625 by changing the saturation by 10% instead.



■ AA4625

■ AA4625

FFFFFF

■ 8C2D0E

■ E77A54

■ 6F1100

■ FF946D

■ 520000

■ FFB087

■ 370000

■ FFCBA1

■ 130000

■ FFE8BC

■ 000000

■ FFFFD8

■ FFFFF5

■ AA4625

■ AA4625

■ AA3914

■ AA5336

■ AA2C03

■ AA6047

■ AA2A00

■ AA6C58

■ AA7969

■ AA867A

■ AA938B

■ AA9F9C

■ AAACAD

■ AAB9BE

# Harmonies

## Analogous

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



B63450



AA4625



8D5B00

# Triad

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



AA4625



00794C



2863BF

# Complementary

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



AA4625



2589AA

# 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.



0071BE



AA4625



007A7C

# Square

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



AA4625



2C741D



0078A6



844EA7

# Rectangle

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



AA4625



736600



0078A6



0068C1



# Sweetspot

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



AA4625



DEB7AB



AA258B



705951



F0F0F0



707070



# Same Dimension

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



AA4625



DE410D



AA8725



544E4C



942500



140500



# Inverse Universe

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



2589AA



0DAADE



2548AA



4C5254



006F94

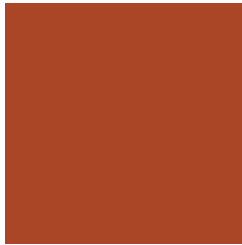


000F14



# Previews

## White Background



This preview shows how the Hex color AA4625 looks on a white background.

## Color Contrast Check

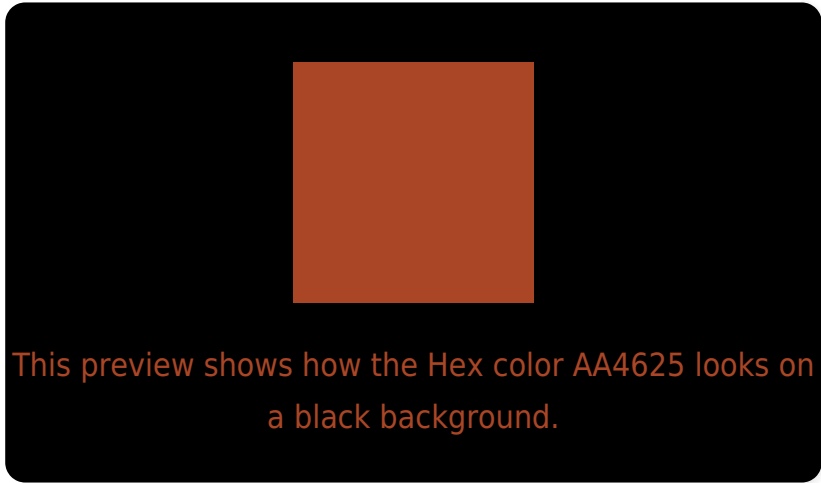
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA4625 Background



This preview shows how black text looks on a background with the Hex color AA4625.



This preview shows how white text looks on a background with the Hex color AA4625.

# 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**  
AA4625

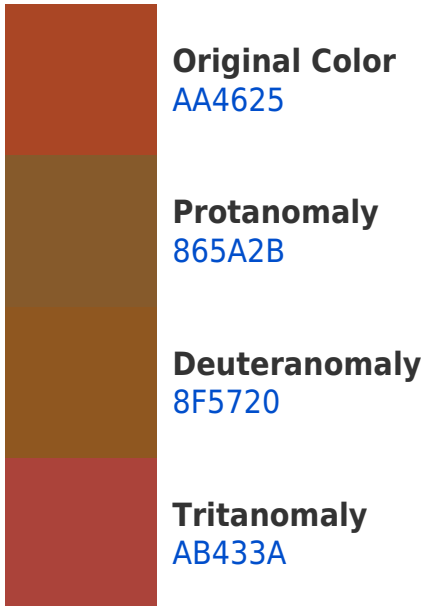
**Protanopia**  
71662E

**Deuteranopia**  
80611D

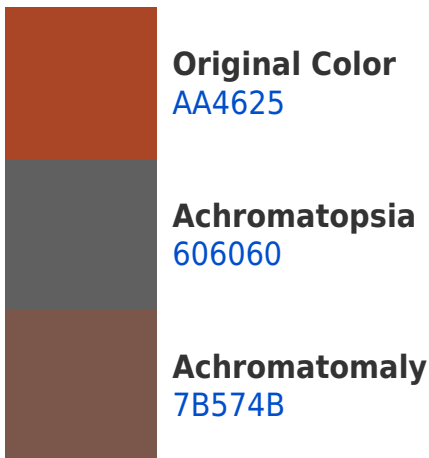


**Tritanopia**  
AB4246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA4625 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 #AA4625 looks like.

```
.text, #text, p{  
    color:#AA4625  
}
```

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 #AA4625 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4625
}
```

## Border

The CSS property to change the border of an element to Hex AA4625 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
#AA4625 }
```

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

```
.border{ border-color:#AA4625 }
```

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

Here you see how a box with a 4 pixel #AA4625 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4625; -webkit-box-shadow:4px 4px  
4px 4px #AA4625; box-shadow:4px 4px 4px  
4px #AA4625 }
```

# Background

The CSS property to change the background color of an element to Hex AA4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4625 }
```

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

```
.background{ background-color:#AA4625 }
```

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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