

Converting Colors

Hex(AF6323)

Have a look what the booklet for
Hex(AF6323) contains.

Hex(AF6323)	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(AF6323)

Conversions

Conversions Part 1

Format	Color
Hex	AF6323
RGB	175, 99, 35
RGB Percent	69%, 39%, 14%
CMY	0.3137, 0.6118, 0.8627
CMYK	0.00, 0.43, 0.80, 0.31
HSL	27°, 67%, 41%
HSV	27°, 80%, 69%
XYZ	22.4444, 18.1590, 3.9122
YIQ	114.4280, 65.8400, -3.7920

Conversions

Conversions Part 2

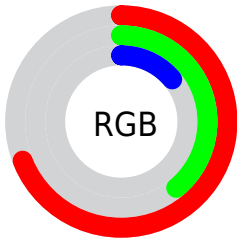
Format	Color
RYB	175, 153, 35
Decimal	11494179
CIELab	49.69, 25.91, 47.26
CIElCh	50, 53.896, 61.268
Yxy	18.1590, 0.5042, 0.4079
Android (android.graphics.Color)	4289684259 (0xFFAF6323)
YUV	114.4280, -39.1580, 53.1216
Hunter-Lab	42.6134, 19.4423, 24.3861

Details

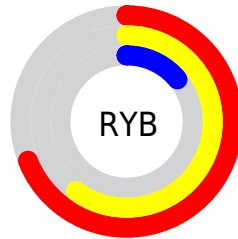
The Hex color **AF6323** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **236FAF**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **EB9655**, and **753300** is the 20% darker color. If you saturate the color by 10%, you get **AF5911**, and if you desaturate by 10%, it is **AF6D35**.

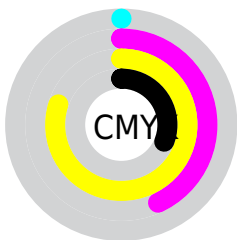
Distribution



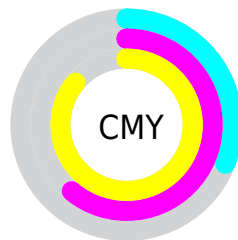
- Red (69%)
- Green (39%)
- Blue (14%)



- Red (69%)
- Yellow (60%)
- Blue (14%)



- Cyan (0%)
- Magenta (43%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF6323 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 AF6323 by changing the saturation by 10% instead.

 AF6323

 AF6323

FFFFFF

 924B07

 EB9655

 753300

 FFB16E

 581C00

 FFCD88

 3D0500

 FFE9A3

 260001

 FFFFBE

 000000

 FFFFDB

 FFFFF7

 AF6323

 AF6323

 AF5911

 AF6D35

 AF5000

 AF7646

 AF8058

 AF8969

 AF937A

 AF9C8C

 AFA69E

 AF9C8C

 AFAFAF

 AFB9C1

Harmonies

Analogous

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



C55149



AF6323



8B7508

Triad

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



AF6323



008C77



7869C5

Complementary

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



AF6323



236FAF

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.



007BD2



AF6323



008BA5

Square

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



AF6323



008848



0086C6



AF55A3

Rectangle

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



AF6323



6E7E13



0086C6



5C70CC

Sweetspot

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



AF6323



E3C5AC



AF2370



736151



F2F2F2



737373

Same Dimension

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



AF6323



E36D09



AFA823



57524E



964500



170A00

Inverse Universe

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



236FAF



097FE3



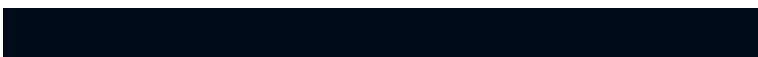
232AAF



4E5357



005296



000C17

Previews

White Background



This preview shows how the Hex color AF6323 looks on a white background.

Color Contrast Check

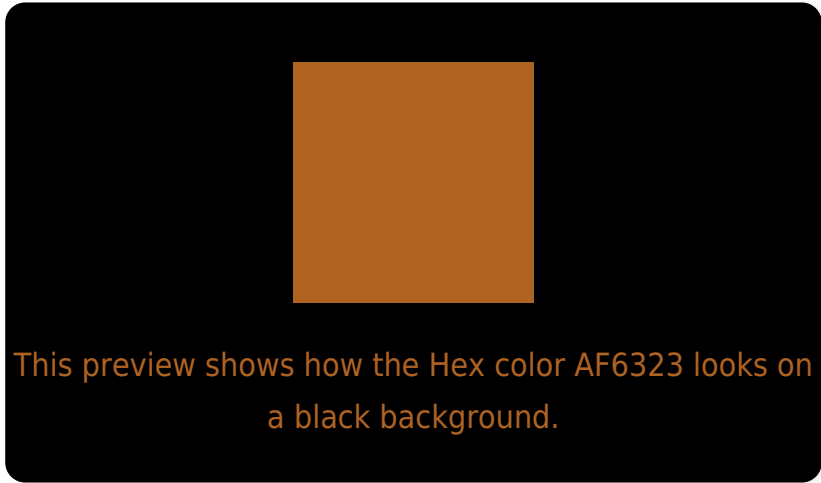
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 AF6323 Background



This preview shows how black text looks on a background with the Hex color AF6323.



This preview shows how white text looks on a background with the Hex color AF6323.

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
AF6323

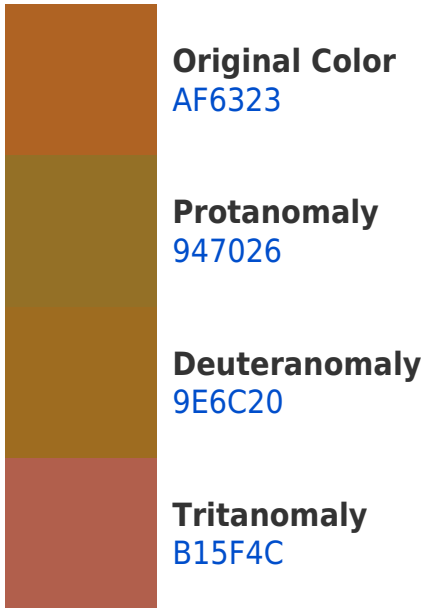
Protanopia
857728

Deuteranopia
95711E



Tritanopia
B25D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF6323 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 #AF6323 looks like.

```
.text, #text, p{  
    color:#AF6323  
}
```

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 #AF6323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6323
}
```

Border

The CSS property to change the border of an element to Hex AF6323 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
#AF6323 }
```

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

```
.border{ border-color:#AF6323 }
```

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

Here you see how a box with a 4 pixel #AF6323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6323; -webkit-box-shadow:4px 4px  
4px 4px #AF6323; box-shadow:4px 4px 4px  
4px #AF6323 }
```

Background

The CSS property to change the background color of an element to Hex AF6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6323 }
```

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

```
.background{ background-color:#AF6323 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor