

# Converting Colors

Hex(A63426)

Have a look what the booklet for  
Hex(A63426) contains.

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**Color**

**Hex(A63426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A63426
RGB	166, 52, 38
RGB Percent	65%, 20%, 15%
CMY	0.3490, 0.7961, 0.8510
CMYK	0.00, 0.69, 0.77, 0.35
HSL	7°, 63%, 40%
HSV	7°, 77%, 65%
XYZ	17.3037, 10.7029, 2.9876
YIQ	84.4900, 72.4380, 19.8140

# Conversions

## Conversions Part 2

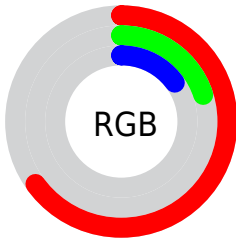
Format	Color
R <sub>Y</sub> B	166, 54, 38
Decimal	10892326
CIE Lab	39.08, 45.99, 34.63
CIE LCh	39, 57.570, 36.985
Yxy	10.7029, 0.5583, 0.3453
Android (android.graphics.Color)	4289082406 (0xFFA63426)
YUV	84.4900, -22.9196, 71.4843
Hunter-Lab	32.7153, 37.1601, 17.4863

# Details

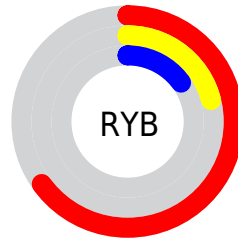
The Hex color **A63426** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2698A6**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E36954**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A62515**, and if you desaturate by 10%, it is **A64337**.

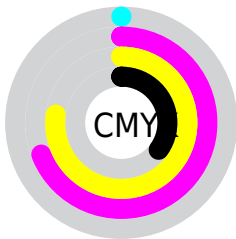
# Distribution



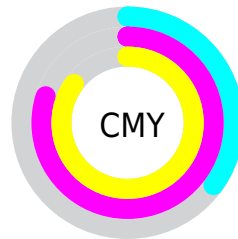
- Red (65%)
- Green (20%)
- Blue (15%)



- Red (65%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (77%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63426 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 A63426 by changing the saturation by 10% instead.



 A63426

 A63426

FFFFFF

 881711

 E36954

 6B0000

 FF846D

 4D0000

 FF9F86

 330002

 FFBB A0

 000000

 FFD7BC

 FFF5D7

 FFFFF4

 A63426

 A63426

 A62515

 A64337

 A61605

 A65247

 A61200

 A66058

 A66F68

 A67E79

 A68D8A

 A69B9A

 A6AAAB

 A6B9BB

# Harmonies

## Analogous

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



AD2253



A63426



8C4C00

# Triad

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



A63426



006E35



005EBA

# Complementary

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



A63426



2698A6

# 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.



006BB3



A63426



007166

# Square

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



A63426



336900



007094



694AA8

# Rectangle

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



A63426



745800



007094



0063BA



# Sweetspot

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



A63426



D9ACA7



A62699



6E524F



EDEDED



6E6E6E



# Same Dimension

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



A63426



D9250F



A67326



544D4C



941000



140200



# Inverse Universe

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



2698A6



0FC3D9



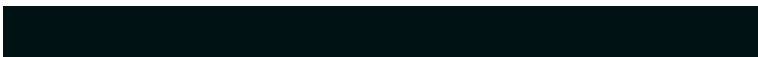
2659A6



4C5354



008494

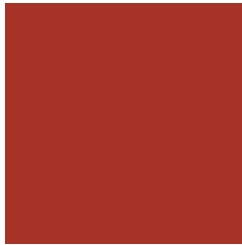


001214



# Previews

## White Background



This preview shows how the Hex color A63426 looks on a white background.

## Color Contrast Check

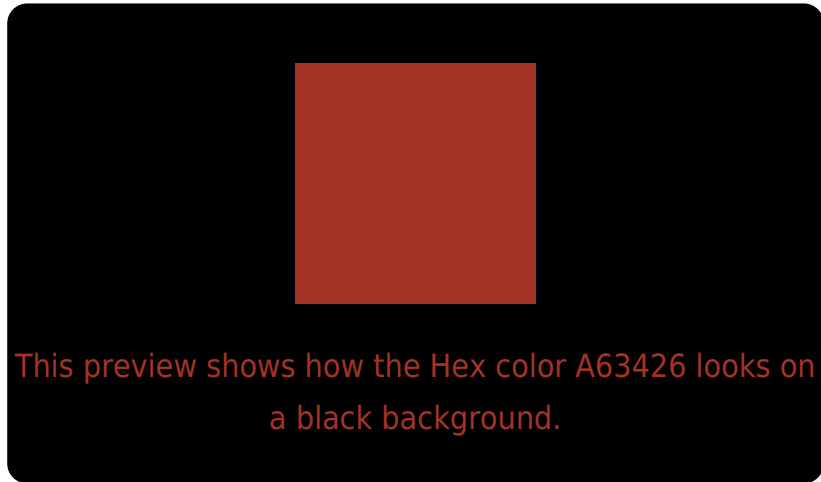
Large Text (above 18pt) WCAG AA ✓ Pass

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 A63426 Background



This preview shows how black text looks on a background with the Hex color A63426.



This preview shows how white text looks on a background with the Hex color A63426.

# 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**  
A63426

**Protanopia**  
665D32

**Deuteranopia**  
74581D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63426 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 #A63426 looks like.

```
.text, #text, p{  
    color:#A63426  
}
```

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 #A63426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63426
}
```

## Border

The CSS property to change the border of an element to Hex A63426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

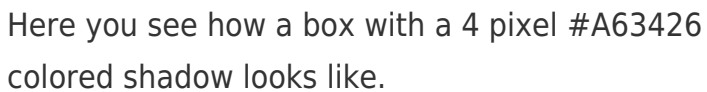
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A63426 }
```

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

```
.border{ border-color:#A63426 }
```

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



Here you see how a box with a 4 pixel #A63426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63426; -webkit-box-shadow:4px 4px  
4px 4px #A63426; box-shadow:4px 4px 4px  
4px #A63426 }
```

# Background

The CSS property to change the background color of an element to Hex A63426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63426 }
```

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

```
.background{ background-color:#A63426 }
```

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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