

# Converting Colors

Hex(A42A08)

Have a look what the booklet for  
Hex(A42A08) contains.

<b>Hex(A42A08)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A42A08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A42A08
RGB	164, 42, 8
RGB Percent	64%, 16%, 3%
CMY	0.3569, 0.8353, 0.9686
CMYK	0.00, 0.74, 0.95, 0.36
HSL	13°, 91%, 34%
HSV	13°, 95%, 64%
XYZ	16.1816, 9.5660, 1.2233
YIQ	74.6020, 83.6260, 15.2900

# Conversions

## Conversions Part 2

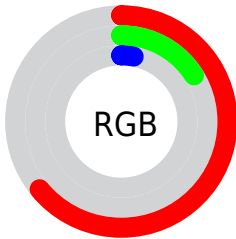
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 51, 8
Decimal	10758664
CIELab	37.05, 48.45, 46.67
CIELCh	37, 67.272, 43.933
Yxy	9.5660, 0.6000, 0.3547
Android (android.graphics.Color)	4288948744 (0xFFA42A08)
YUV	74.6020, -32.8348, 78.4020
Hunter-Lab	30.9289, 39.2635, 19.3052

# Details

The Hex color **A42A08** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0882A4**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **E26039**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A42400**, and if you desaturate by 10%, it is **A43718**.

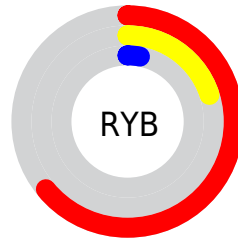
# Distribution



Red (64%)

Green (16%)

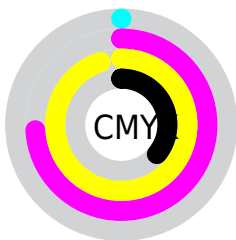
Blue (3%)



Red (64%)

Yellow (20%)

Blue (3%)

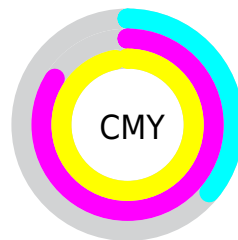


Cyan (0%)

Magenta (74%)

Yellow (95%)

Black (36%)



Cyan (36%)

Magenta (84%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A42A08 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 A42A08 by changing the saturation by 10% instead.



 A42A08

 A42A08

 FFFFF3

 860500

 E26039

 670000

 FF7B51

 4A0000

 FF976A

 2F0002

 FFB284

 000000

 FFCF9F

 FFECBA

 FFFFD6

 A42A08

 A42A08

■ A42400

■ A43718

■ A44429

■ A45039

■ A45D4A

■ A46A5A

■ A4776A

■ A4847B

■ A4918B

■ A49D9C

# Harmonies

## Analogous

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



B30041



A42A08



834A00

# Triad

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



A42A08



006C37



0056C2

# Complementary

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



A42A08



0882A4

# 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.



0066C1



A42A08



006D70

# Square

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



A42A08



006700



006CA2



7639A6

# Rectangle

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



A42A08



655800



006CA2



005DC5



# Sweetspot

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



A42A08



D6A698



A40882



6B4E46



EBEBEB



6B6B6B



# Same Dimension

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



A42A08



D62F00



A47808



524B49



912000



120400



# Inverse Universe

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



0882A4



00A8D6



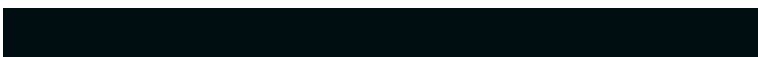
0834A4



495052



007291



000E12



# Previews

## White Background



This preview shows how the Hex color A42A08 looks on a white background.

## Color Contrast Check

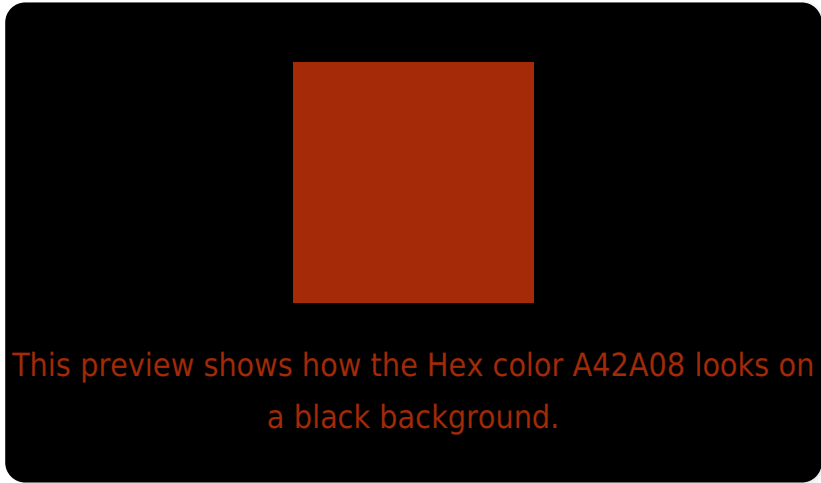
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A42A08 Background



This preview shows how black text looks on a background with the Hex color A42A08.



This preview shows how white text looks on a background with the Hex color A42A08.

# 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



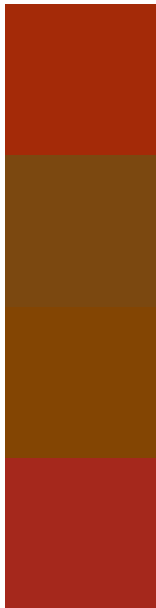
**Original Color**  
A42A08

**Protanopia**  
635915

**Deuteranopia**  
705400



# Trichromacy



**Original Color**  
A42A08

**Protanomaly**  
7B4810

**Deuteranomaly**  
834503

**Tritanomaly**  
A5281C

# Monochromacy



**Original Color**  
A42A08

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
6B3F33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A42A08 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 #A42A08 looks like.

```
.text, #text, p{  
    color:#A42A08  
}
```

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 #A42A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42A08
}
```

## Border

The CSS property to change the border of an element to Hex A42A08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

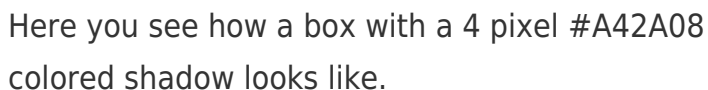
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42A08 }
```

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

```
.border{ border-color:#A42A08 }
```

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



Here you see how a box with a 4 pixel #A42A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42A08; -webkit-box-shadow:4px 4px  
4px 4px #A42A08; box-shadow:4px 4px 4px  
4px #A42A08 }
```

# Background

The CSS property to change the background color of an element to Hex A42A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42A08 }
```

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

```
.background{ background-color:#A42A08 }
```

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