

# Converting Colors

Hex(A42C24)

Have a look what the booklet for  
Hex(A42C24) contains.

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# Color

Hex(A42C24)

# Conversions

## Conversions Part 1

Format	Color
Hex	A42C24
RGB	164, 44, 36
RGB Percent	64%, 17%, 14%
CMY	0.3569, 0.8275, 0.8588
CMYK	0.00, 0.73, 0.78, 0.36
HSL	4°, 64%, 39%
HSV	4°, 78%, 64%
XYZ	16.5290, 9.8213, 2.6936
YIQ	78.9680, 74.0880, 22.9520

# Conversions

## Conversions Part 2

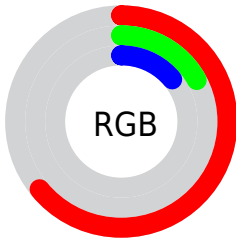
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 45, 36
Decimal	10759204
CIELab	37.52, 48.40, 34.00
CIELCh	38, 59.147, 35.088
Yxy	9.8213, 0.5691, 0.3382
Android (android.graphics.Color)	4288949284 (0xFFA42C24)
YUV	78.9680, -21.1832, 74.5731
Hunter-Lab	31.3389, 39.3026, 16.8412

# Details

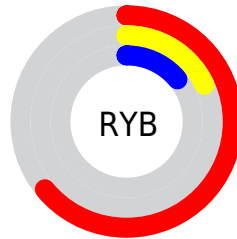
The Hex color **A42C24** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **249CA4**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E16252**, and **680000** is the 20% darker color. If you saturate the color by 10%, you get **A41D14**, and if you desaturate by 10%, it is **A43B34**.

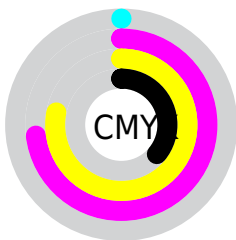
# Distribution



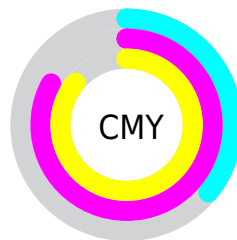
- Red (64%)
- Green (17%)
- Blue (14%)



- Red (64%)
- Yellow (18%)
- Blue (14%)



- Cyan (0%)
- Magenta (73%)
- Yellow (78%)
- Black (36%)



- Cyan (36%)
- Magenta (83%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A42C24 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 A42C24 by changing the saturation by 10% instead.



 A42C24

 A42C24

FFFFFF

 86090F

 E16252

 680000

 FF7D6A

 4B0000

 FF9983

 300002

 FFB49E

 000000

 FFD1B9

 FFEED4

 FFFFF1

 A42C24

 A42C24

 A41D14

 A43B34

 A40D03

 A44B45

 A40A00

 A45A55

 A46A66

 A47976

 A48886

 A49897

 A4A7A7

 A4B6B8

# Harmonies

## Analogous

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



AA1852



A42C24



8B4600

# Triad

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



A42C24



006A2D



005CB9

# Complementary

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



A42C24



249CA4

# 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.



0068AF



A42C24



006D5F

# Square

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



A42C24



316400



006C8E



6047A7

# Rectangle

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



A42C24



735400



006C8E



0061B8



# Sweetspot

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



A42C24



D6A8A5



A4249E



6B4F4D



EBEBEB



6B6B6B



# Same Dimension

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



A42C24



D6190D



A46A24



524A49



910900



120100



# Inverse Universe

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



249CA4



0DCAD6



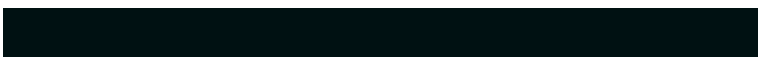
245EA4



495152



008891



001112



# Previews

## White Background



This preview shows how the Hex color A42C24 looks on a white background.

## Color Contrast Check

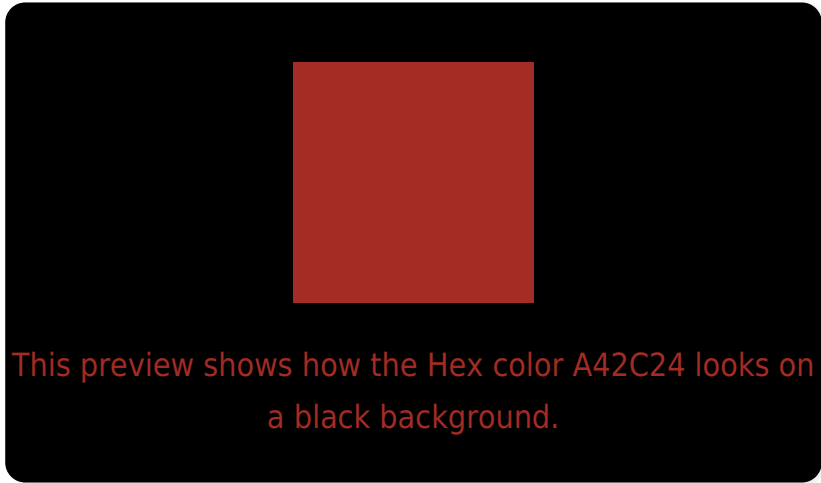
Large Text (above 18pt) WCAG AA ✓ Pass

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 A42C24 Background



This preview shows how black text looks on a background with the Hex color A42C24.



This preview shows how white text looks on a background with the Hex color A42C24.

# 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**  
A42C24

**Protanopia**  
625A31

**Deuteranopia**  
70551B



**Tritanopia**  
A42B2C

# Trichromacy



**Original Color**  
A42C24

**Protanomaly**  
7A492C

**Deuteranomaly**  
83461E

**Tritanomaly**  
A42B29

# Monochromacy



**Original Color**  
A42C24

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
6E423F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A42C24 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 #A42C24 looks like.

```
.text, #text, p{  
    color:#A42C24  
}
```

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 #A42C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42C24
}
```

## Border

The CSS property to change the border of an element to Hex A42C24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

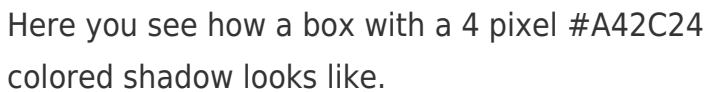
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42C24 }
```

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

```
.border{ border-color:#A42C24 }
```

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



Here you see how a box with a 4 pixel #A42C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42C24; -webkit-box-shadow:4px 4px  
4px 4px #A42C24; box-shadow:4px 4px 4px  
4px #A42C24 }
```

# Background

The CSS property to change the background color of an element to Hex A42C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42C24 }
```

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

```
.background{ background-color:#A42C24 }
```

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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