

Converting Colors

Hex(A42222)

Have a look what the booklet for
Hex(A42222) contains.

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Color

Hex(A42222)

Conversions

Conversions Part 1

Format	Color
Hex	A42222
RGB	164, 34, 34
RGB Percent	64%, 13%, 13%
CMY	0.3569, 0.8667, 0.8667
CMYK	0.00, 0.79, 0.79, 0.36
HSL	0°, 66%, 39%
HSV	0°, 79%, 64%
XYZ	16.1706, 9.1521, 2.4276
YIQ	72.8700, 77.4800, 27.5600

Conversions

Conversions Part 2

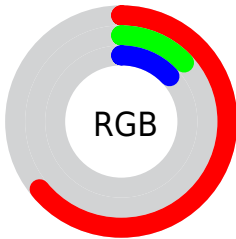
Format	Color
RYB	164, 34, 34
Decimal	10756642
CIELab	36.28, 51.73, 33.84
CIElCh	36, 61.815, 33.191
Yxy	9.1521, 0.5827, 0.3298
Android (android.graphics.Color)	4288946722 (0xFFA42222)
YUV	72.8700, -19.1629, 79.9210
Hunter-Lab	30.2524, 42.4708, 16.4189

Details

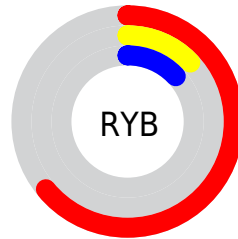
The Hex color **A42222** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **22A4A4**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **E25B4F**, and **680000** is the 20% darker color. If you saturate the color by 10%, you get **A41212**, and if you desaturate by 10%, it is **A43232**.

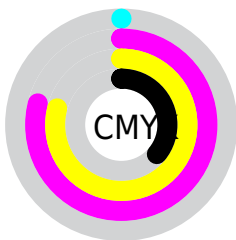
Distribution



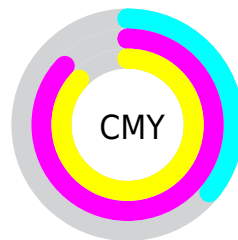
- Red (64%)
- Green (13%)
- Blue (13%)



- Red (64%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A42222 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 A42222 by changing the saturation by 10% instead.

 A42222

 A42222

FFFFFF

 86000D

 E25B4F

 680000

 FF7667

 4A0000

 FF9281

 2F0002

 FFAE9B

 000000

 FFCAB6

 FFE7D1

 FFFFEE

 A42222

 A42222

 A41212

 A43232

 A40101

 A44343

 A40000

 A45353

 A46464

 A47474

 A48484

 A49595

 A4A5A5

 A4B6B6

Harmonies

Analogous

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



A90452



A42222



8B4100

Triad

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



A42222



006725



005ABA

Complementary

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



A42222



22A4A4

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.



0066AE



A42222



006A59

Square

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



A42222



2F6100



006A8B



5745AA

Rectangle

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



A42222



724F00



006A8B



005FB9

Sweetspot

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



A42222



D6A3A3



A422A4



6B4C4C



EBEBEB



6B6B6B

Same Dimension

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



A42222



D60B0B



A46322



524949



910000



120000

Inverse Universe

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



22A4A4



0BD6D6



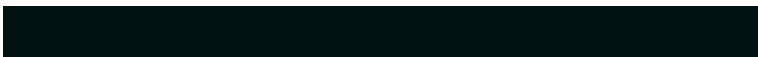
2263A4



495252



009191



001212

Previews

White Background



This preview shows how the Hex color A42222 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 A42222 Background



This preview shows how black text looks on a background with the Hex color A42222.



This preview shows how white text looks on a background with the Hex color A42222.

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
A42222

Protanopia
5F5731

Deuteranopia
6D5217

Trichromacy



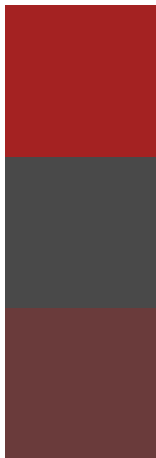
Original Color
A42222

Protanomaly
78442C

Deuteranomaly
81411B

Tritanomaly
A42222

Monochromacy



Original Color
A42222

Achromatopsia
494949

Achromatomaly
6A3B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex A42222 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 #A42222 looks like.

```
.text, #text, p{  
    color:#A42222  
}
```

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 #A42222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42222
}
```

Border

The CSS property to change the border of an element to Hex A42222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

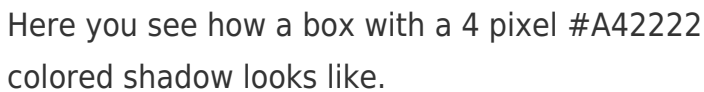
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42222 }
```

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

```
.border{ border-color:#A42222 }
```

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



Here you see how a box with a 4 pixel `#A42222` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42222; -webkit-box-shadow:4px 4px  
4px 4px #A42222; box-shadow:4px 4px 4px  
4px #A42222 }
```

Background

The CSS property to change the background color of an element to Hex A42222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42222 }
```

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

```
.background{ background-color:#A42222 }
```

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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