

# Converting Colors

Hex(A2352A)

Have a look what the booklet for  
Hex(A2352A) contains.

<b>Hex(A2352A)</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(A2352A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2352A
RGB	162, 53, 42
RGB Percent	64%, 21%, 16%
CMY	0.3647, 0.7922, 0.8353
CMYK	0.00, 0.67, 0.74, 0.36
HSL	6°, 59%, 40%
HSV	6°, 74%, 64%
XYZ	16.5913, 10.3948, 3.3224
YIQ	84.3370, 68.4950, 19.6870

# Conversions

## Conversions Part 2

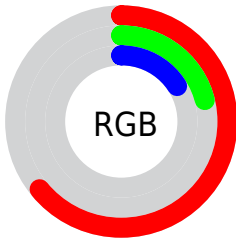
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 54, 42
Decimal	10630442
CIE <sub>Lab</sub>	38.54, 44.34, 31.54
CIE <sub>LCh</sub>	39, 54.416, 35.423
Yxy	10.3948, 0.5474, 0.3430
Android (android.graphics.Color)	4288820522 (0xFFA2352A)
YUV	84.3370, -20.8721, 68.1105
Hunter-Lab	32.2409, 35.4353, 16.4588

# Details

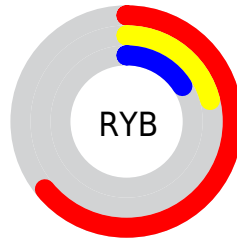
The Hex color **A2352A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A97A2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DF6A58**, and **680000** is the 20% darker color. If you saturate the color by 10%, you get **A2261A**, and if you desaturate by 10%, it is **A2443A**.

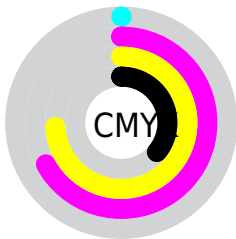
# Distribution



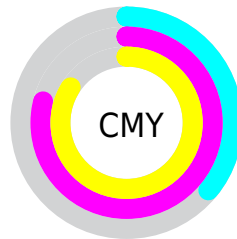
- Red (64%)
- Green (21%)
- Blue (16%)



- Red (64%)
- Yellow (21%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (74%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2352A 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 A2352A by changing the saturation by 10% instead.



 A2352A

 A2352A

FFFFFF

 841915

 DF6A58

 680000

 FD8471

 4A0000

 FF9F8A

 310002

 FFBB A5

 000000

 FFD8C0

 FFF5DC

 FFFFF9

 A2352A

 A2352A

 A2261A

 A2443A

 A2180A

 A2524A

 A20F00

 A2615B

 A2706B

 A27F7B

 A28D8B

 A29C9B

 A2ABAC

 A2B9BC

# Harmonies

## Analogous

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



A72755



A2352A



8A4A00

# Triad

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



A2352A



006C34



005EB3

# Complementary

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



A2352A



2A97A2

# 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.



0069AB



A2352A



006E62

# Square

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



A2352A



386600



006E8D



644BA3

# Rectangle

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



A2352A



745700



006E8D



0062B3



# Sweetspot

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



A2352A



D4A9A5



A22A98



6B524F



EBEBEB



6B6B6B



# Same Dimension

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



A2352A



D42917



A2702A



524A49



910D00



120200



# Inverse Universe

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



2A97A2



17C2D4



2A5CA2



495152



008491



001012



# Previews

## White Background



This preview shows how the Hex color A2352A looks on a white background.

## Color Contrast Check

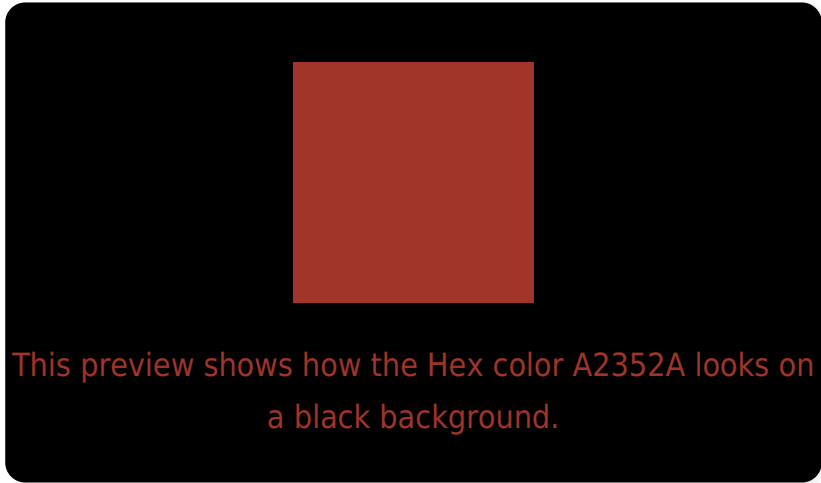
Large Text (above 18pt) WCAG AA ✓ Pass

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 A2352A Background



This preview shows how black text looks on a background with the Hex color A2352A.




This preview shows how white text looks on a background with the Hex color A2352A.

# 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](#).

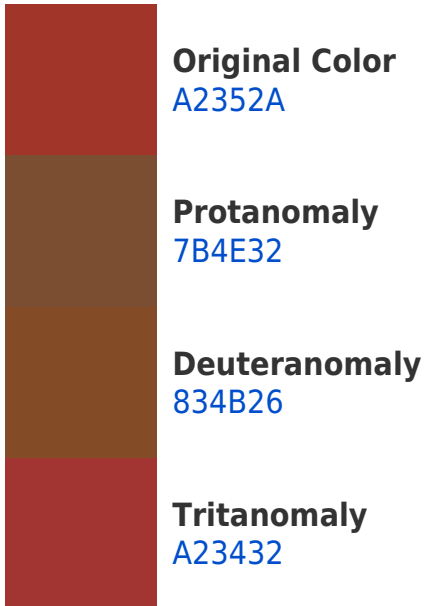
## Dichromacy





**Tritanopia**  
A23336

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2352A 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 #A2352A looks like.

```
.text, #text, p{  
    color:#A2352A  
}
```

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 #A2352A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2352A
}
```

## Border

The CSS property to change the border of an element to Hex A2352A is called "border". The border property can be set on classes, ids or directly on the HTML element.

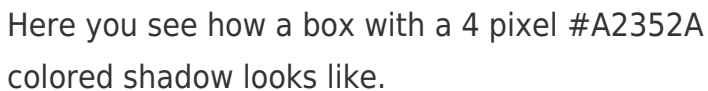
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2352A }
```

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

```
.border{ border-color:#A2352A }
```

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



Here you see how a box with a 4 pixel #A2352A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2352A; -webkit-box-shadow:4px 4px  
4px 4px #A2352A; box-shadow:4px 4px 4px  
4px #A2352A }
```

# Background

The CSS property to change the background color of an element to Hex A2352A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2352A }
```

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

```
.background{ background-color:#A2352A }
```

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