

# Converting Colors

Hex(A93234)

Have a look what the booklet for  
Hex(A93234) contains.

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# Color

**Hex(A93234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A93234
RGB	169, 50, 52
RGB Percent	66%, 20%, 20%
CMY	0.3373, 0.8039, 0.7961
CMYK	0.00, 0.70, 0.69, 0.34
HSL	359°, 54%, 43%
HSV	359°, 70%, 66%
XYZ	18.1226, 10.9642, 4.4099
YIQ	85.8090, 70.2820, 25.8500

# Conversions

## Conversions Part 2

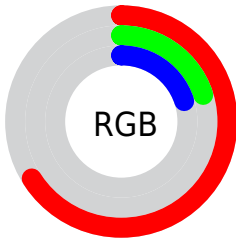
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 50, 52
Decimal	11088436
CIE <sub>Lab</sub>	39.52, 48.47, 27.04
CIE <sub>LCh</sub>	40, 55.504, 29.155
Yxy	10.9642, 0.5410, 0.3273
Android (android.graphics.Color)	4289278516 (0xFFA93234)
YUV	85.8090, -16.6678, 72.9585
Hunter-Lab	33.1122, 39.7486, 15.2822

# Details

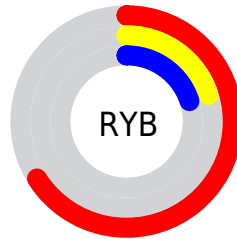
The Hex color **A93234** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **32A9A7**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E66863**, and **6E0008** is the 20% darker color. If you saturate the color by 10%, you get **A92123**, and if you desaturate by 10%, it is **A94345**.

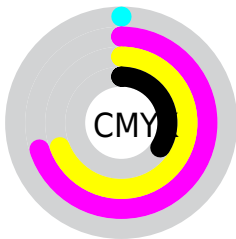
# Distribution



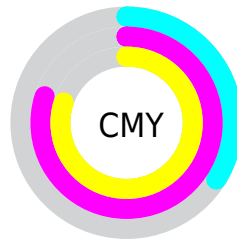
- Red (66%)
- Green (20%)
- Blue (20%)



- Red (66%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (34%)



- Cyan (34%)
- Magenta (80%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A93234 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 A93234 by changing the saturation by 10% instead.



 A93234

 A93234

FFFFFF

 8B121F

 E66863

 6E0008

 FF837C

 510000

 FF9E95

 370002

 FFBAB0

 090000

 FFD7CC

 000000

 FFF4E8

 A93234

 A93234

 A92123

 A94345

 A91013

 A95455

 A90003

 A96566

 A97676

 A98687

 A99798

 A9A8A8

 A9B9B9

 A9CACA

# Harmonies

## Analogous

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



AA2960



A93234



944806

# Triad

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



A93234



006E2B



0063B8

# Complementary

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



A93234



32A9A7

# 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.



006DAB



A93234



00715A

# Square

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



A93234



456700



007188



5652AD

# Rectangle

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



A93234



7F5500



007188



0067B6



# Sweetspot

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



A93234



DBADAE



A532A9



6E5253



EDEDED



6E6E6E



# Same Dimension

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



A93234



DB2326



A96A32



544C4C



940002



140000



# Inverse Universe

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



A93234



DB2326



3271A9



544C4C



940002



140000



# Previews

## White Background



This preview shows how the Hex color A93234 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

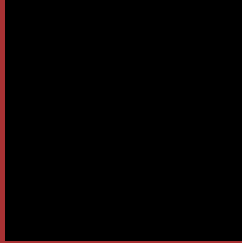
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A93234 Background



This preview shows how black text looks on a background with the Hex color A93234.



This preview shows how white text looks on a background with the Hex color A93234.

# 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**  
A93234

**Protanopia**  
655E44

**Deuteranopia**  
745A2D



**Tritanopia**  
A93234

# Trichromacy



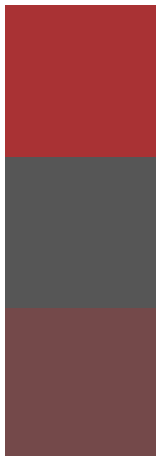
**Original Color**  
A93234

**Protanomaly**  
7E4E3E

**Deuteranomaly**  
874B30

**Tritanomaly**  
A93234

# Monochromacy



**Original Color**  
A93234

**Achromatopsia**  
565656

**Achromatomaly**  
74494A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A93234 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 #A93234 looks like.

```
.text, #text, p{  
    color:#A93234  
}
```

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 #A93234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A93234
}
```

## Border

The CSS property to change the border of an element to Hex A93234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

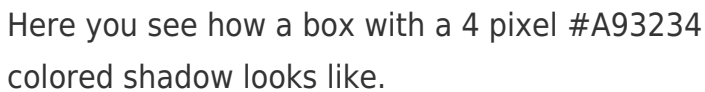
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A93234 }
```

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

```
.border{ border-color:#A93234 }
```

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



Here you see how a box with a 4 pixel `#A93234` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A93234; -webkit-box-shadow:4px 4px  
4px 4px #A93234; box-shadow:4px 4px 4px  
4px #A93234 }
```

# Background

The CSS property to change the background color of an element to Hex A93234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A93234 }
```

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

```
.background{ background-color:#A93234 }
```

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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