

# Converting Colors

Hex(A1312C)

Have a look what the booklet for  
Hex(A1312C) contains.

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# Color

Hex(A1312C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1312C
RGB	161, 49, 44
RGB Percent	63%, 19%, 17%
CMY	0.3686, 0.8078, 0.8275
CMYK	0.00, 0.70, 0.73, 0.37
HSL	3°, 57%, 40%
HSV	3°, 73%, 63%
XYZ	16.2509, 9.9555, 3.4480
YIQ	81.9180, 68.3570, 22.1890

# Conversions

## Conversions Part 2

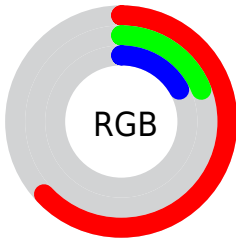
Format	Color
<a href="#">RYB</a>	<a href="#">161, 49, 44</a>
Decimal	<a href="#">10563884</a>
CIELab	<a href="#">37.76, 45.78, 29.42</a>
CIElCh	<a href="#">38, 54.416, 32.727</a>
Yxy	<a href="#">9.9555, 0.5480, 0.3357</a>
Android (android.graphics.Color)	<a href="#">4288753964</a> (0xFFA1312C)
YUV	<a href="#">81.9180, -18.6936, 69.3549</a>
Hunter-Lab	<a href="#">31.5524, 36.7187, 15.6076</a>

# Details

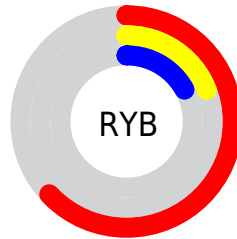
The Hex color **A1312C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C9CA1**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **DE665A**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A1221C**, and if you desaturate by 10%, it is **A1403C**.

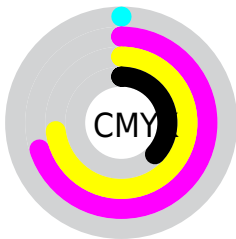
# Distribution



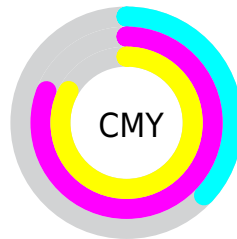
- Red (63%)
- Green (19%)
- Blue (17%)



- Red (63%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (73%)
- Black (37%)



- Cyan (37%)
- Magenta (81%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1312C 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 A1312C by changing the saturation by 10% instead.



 A1312C

 A1312C

FFFFFF

 831317

 DE665A

 660000

 FC8173

 490000

 FF9C8C

 2F0002

 FFB8A7

 000000

 FFD4C2

 FFF1DE

 FFFFFB

 A1312C

 A1312C

 A1221C

 A1403C

 A1120C

 A1504C

 A10700

 A15F5C

 A16F6C

 A17E7C

 A18D8D

 A19D9D

 A1ACAD

 A1BCBD

# Harmonies

## Analogous

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



A52557



A1312C



8B4700

# Triad

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



A1312C



006A2E



005DB2

# Complementary

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



A1312C



2C9CA1

# 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.



0068A7



A1312C



006C5C

# Square

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



A1312C



3B6400



006C88



5B4BA4

# Rectangle

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



A1312C



755300



006C88



0061B1



# Sweetspot

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



A1312C



D1A5A3



A12C9D



694F4D



E8E8E8



696969



# Same Dimension

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



A1312C



D1231B



A16A2C



524A49



910600



120100



# Inverse Universe

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



2C9CA1



1BC9D1



2C63A1



495152



008B91

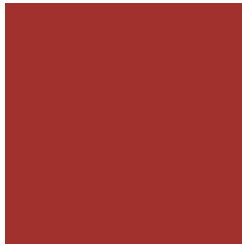


001112



# Previews

## White Background



This preview shows how the Hex color A1312C looks on a white background.

## Color Contrast Check

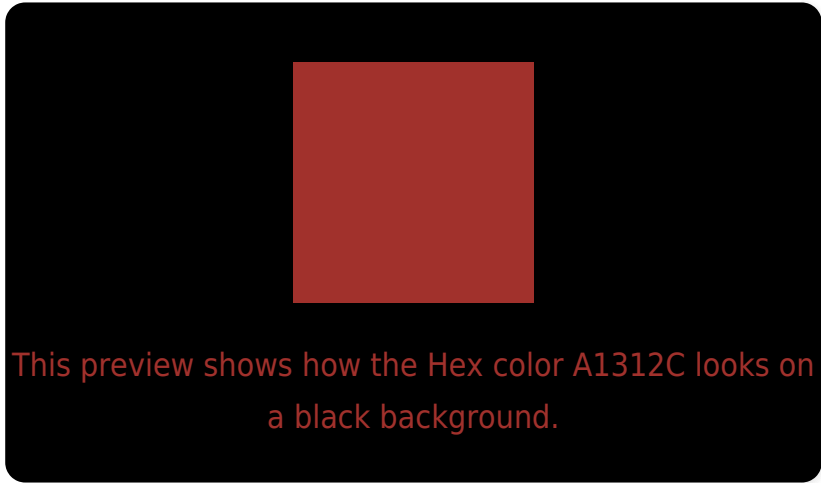
Large Text (above 18pt) WCAG AA ✓ Pass

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 A1312C Background



This preview shows how black text looks on a background with the Hex color A1312C.

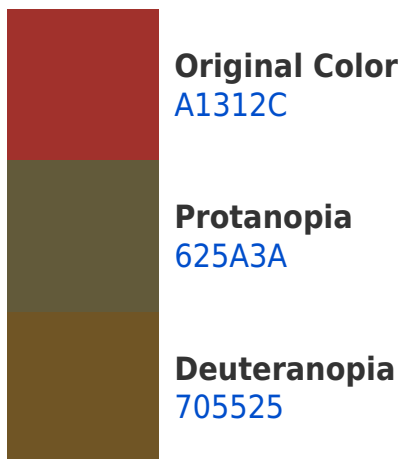


This preview shows how white text looks on a background with the Hex color A1312C.

# Color Blindness Simulation

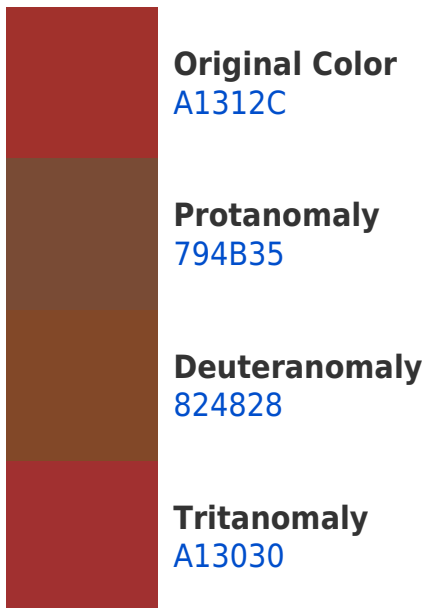
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

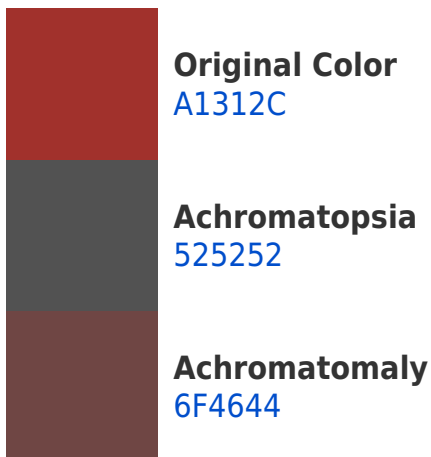




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1312C 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 #A1312C looks like.

```
.text, #text, p{  
    color:#A1312C  
}
```

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 #A1312C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1312C
}
```

## Border

The CSS property to change the border of an element to Hex A1312C is called "border". The border property can be set on classes, ids or directly on the HTML element.

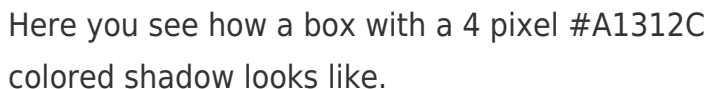
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1312C }
```

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

```
.border{ border-color:#A1312C }
```

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



Here you see how a box with a 4 pixel `#A1312C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1312C; -webkit-box-shadow:4px 4px  
4px 4px #A1312C; box-shadow:4px 4px 4px  
4px #A1312C }
```

# Background

The CSS property to change the background color of an element to Hex A1312C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1312C }
```

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

```
.background{ background-color:#A1312C }
```

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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