

# Converting Colors

Hex(A13D3B)

Have a look what the booklet for  
Hex(A13D3B) contains.

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# Color

**Hex(A13D3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A13D3B
RGB	161, 61, 59
RGB Percent	63%, 24%, 23%
CMY	0.3686, 0.7608, 0.7686
CMYK	0.00, 0.62, 0.63, 0.37
HSL	1°, 46%, 43%
HSV	1°, 63%, 63%
XYZ	17.1561, 11.2303, 5.4011
YIQ	90.6720, 60.2420, 20.5780

# Conversions

## Conversions Part 2

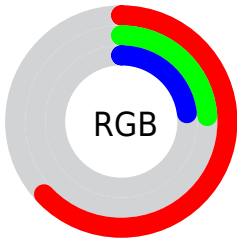
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 61, 59
Decimal	10566971
CIE <sub>Lab</sub>	39.97, 41.34, 23.01
CIE <sub>LCh</sub>	40, 47.312, 29.096
Yxy	11.2303, 0.5078, 0.3324
Android (android.graphics.Color)	4288757051 (0xFFA13D3B)
YUV	90.6720, -15.6143, 61.6777
Hunter-Lab	33.5117, 32.7366, 13.9023

# Details

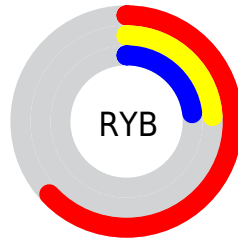
The Hex color **A13D3B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B9FA1**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DC716A**, and **670211** is the 20% darker color. If you saturate the color by 10%, you get **A12D2B**, and if you desaturate by 10%, it is **A14D4B**.

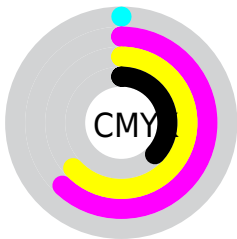
# Distribution



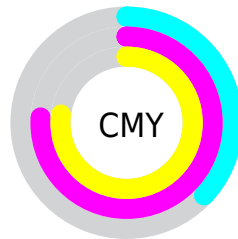
- Red (63%)
- Green (24%)
- Blue (23%)



- Red (63%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (62%)
- Yellow (63%)
- Black (37%)



- Cyan (37%)
- Magenta (76%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13D3B 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 A13D3B by changing the saturation by 10% instead.



 A13D3B

 A13D3B

FFFFFF

 842325

 DC716A

 670211

 FB8B84

 4C0000

 FFA79E

 330002

 FFC2B9

 000000

 FFDFD4

 FFFCF1

 A13D3B

 A13D3B

 A12D2B

 A14D4B

 A11D1B

 A15D5B

 A10E0B

 A16C6B

 A10300

 A17C7B

 A18C8B

 A19C9C

 A1ABAC

 A1BBBC

 A1CBCC

# Harmonies

## Analogous

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



A13861



A13D3B



904D1A

# Triad

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



A13D3B



036D34



0063AC

# Complementary

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



A13D3B



3B9FA1

# 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.



006CA0



A13D3B



00705C

# Square

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



A13D3B



4C6711



007083



5B54A2

# Rectangle

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



A13D3B



7D5706



007083



0067AA



# Sweetspot

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



A13D3B



D1AAA9



A13B9F



695151



E8E8E8



696969



# Same Dimension

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



A13D3B



D13532



A1703B



524A49



910300



120000



# Inverse Universe

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



3B9FA1



32CED1



3B6CA1



495152



008F91



001212



# Previews

## White Background



This preview shows how the Hex color A13D3B looks on a white background.

## Color Contrast Check

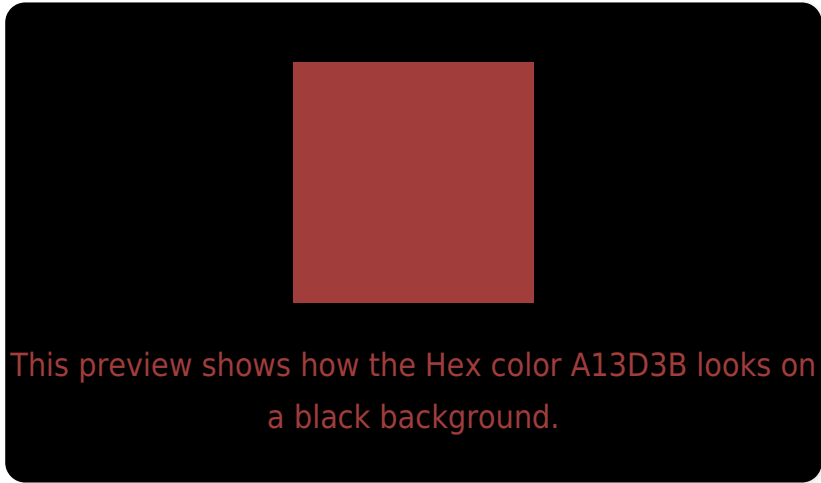
Large Text (above 18pt) WCAG AA ✓ Pass

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 A13D3B Background



This preview shows how black text looks on a background with the Hex color A13D3B.

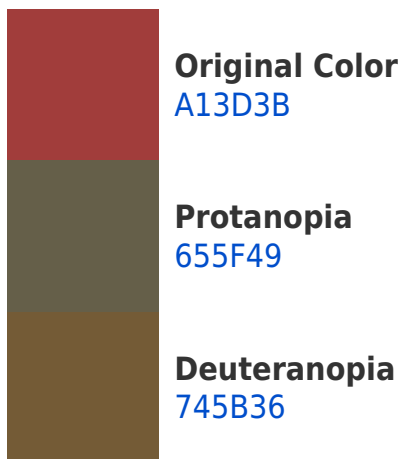


This preview shows how white text looks on a background with the Hex color A13D3B.

# 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 A13D3B 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 #A13D3B looks like.

```
.text, #text, p{  
    color:#A13D3B  
}
```

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 #A13D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13D3B
}
```

## Border

The CSS property to change the border of an element to Hex A13D3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

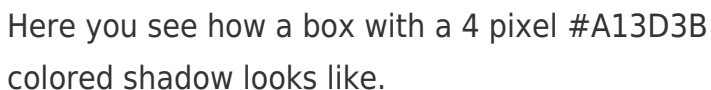
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A13D3B }
```

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

```
.border{ border-color:#A13D3B }
```

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



Here you see how a box with a 4 pixel `#A13D3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13D3B; -webkit-box-shadow:4px 4px  
4px 4px #A13D3B; box-shadow:4px 4px 4px  
4px #A13D3B }
```

# Background

The CSS property to change the background color of an element to Hex A13D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13D3B }
```

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

```
.background{ background-color:#A13D3B }
```

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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