

# Converting Colors

Hex(A13A50)

Have a look what the booklet for  
Hex(A13A50) contains.

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# Color

**Hex(A13A50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A13A50
RGB	161, 58, 80
RGB Percent	63%, 23%, 31%
CMY	0.3686, 0.7725, 0.6863
CMYK	0.00, 0.64, 0.50, 0.37
HSL	347°, 47%, 43%
HSV	347°, 64%, 63%
XYZ	17.6590, 11.1824, 8.8171
YIQ	91.3050, 54.3260, 28.6780

# Conversions

## Conversions Part 2

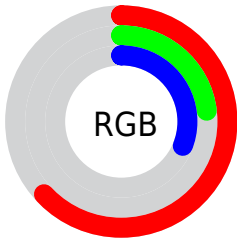
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 58, 80
Decimal	10566224
CIE <sub>Lab</sub>	39.89, 44.42, 9.83
CIE <sub>LCh</sub>	40, 45.494, 12.476
Yxy	11.1824, 0.4689, 0.2969
Android (android.graphics.Color)	4288756304 (0xFFA13A50)
YUV	91.3050, -5.5734, 61.1225
Hunter-Lab	33.4400, 35.7419, 7.7751

# Details

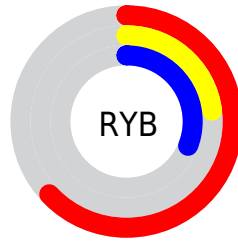
The Hex color **A13A50** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3AA18B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DC6E81**, and **680024** is the 20% darker color. If you saturate the color by 10%, you get **A12A43**, and if you desaturate by 10%, it is **A14A5D**.

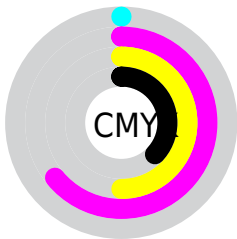
# Distribution



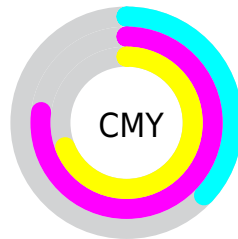
- Red (63%)
- Green (23%)
- Blue (31%)



- Red (63%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (50%)
- Black (37%)



- Cyan (37%)
- Magenta (77%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13A50 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 A13A50 by changing the saturation by 10% instead.



 A13A50

 A13A50

FFFFFF

 841E39

 DC6E81

 680024

 FA899B

 4D000F

 FFA5B6

 350002

 FFC1D1

 020000

 FFDDEE

 000000

 FFFAFF

 A13A50

 A13A50

 A12A43

 A14A5D

 A11A37

 A15A69

 A10A2A

 A16A76

 A10022

 A17A83

 A18B8F

 A19B9C

 A1ABA9

 A1BBB5

 A1CBC2

# Harmonies

## Analogous

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



963E75



A13A50



99452D

# Triad

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



A13A50



386A23



0068A5

# Complementary

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



A13A50



3AA18B

# 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.



006E8F



A13A50



006E46

# Square

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



A13A50



626108



00706D



2E5DA7

# Rectangle

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



A13A50



8B4F1A



00706D



006BA0



# Sweetspot

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



A13A50



D1A9B2



8B3AA1



695156



E8E8E8



696969



# Same Dimension

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



A13A50



D13052



A1573A



52494B



91001F



120004



# Inverse Universe

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



A13A50



D13052



3A84A1



52494B



91001F

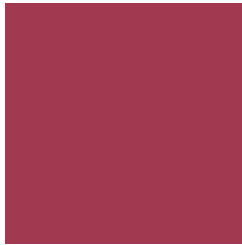


120004



# Previews

## White Background



This preview shows how the Hex color A13A50 looks on a white background.

## Color Contrast Check

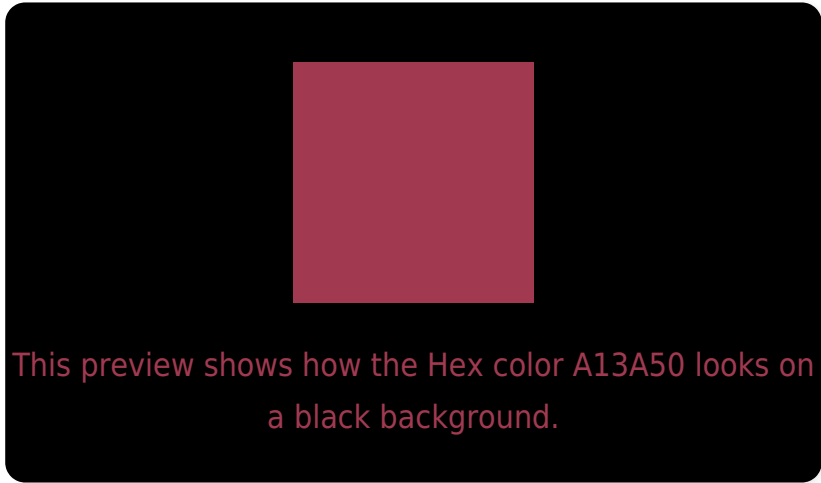
Large Text (above 18pt) WCAG AA ✓ Pass

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

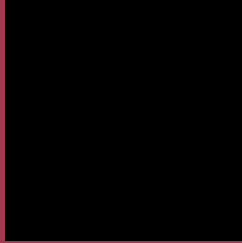
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A13A50 Background



This preview shows how black text looks on a background with the Hex color A13A50.



This preview shows how white text looks on a background with the Hex color A13A50.

# 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**  
A13A50

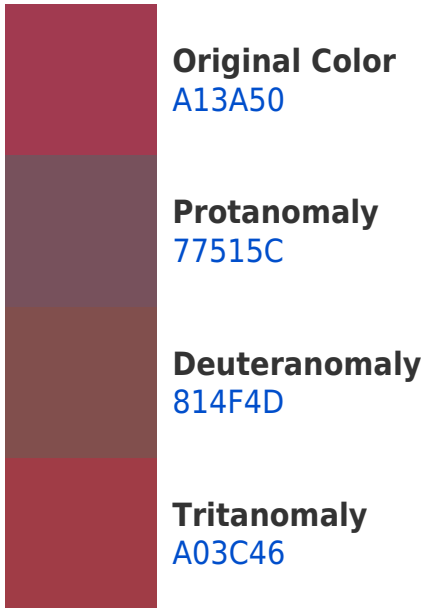
**Protanopia**  
5F5E63

**Deuteranopia**  
6F5B4B

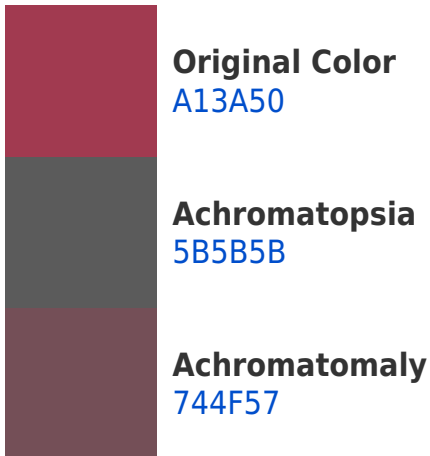


**Tritanopia**  
A03D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A13A50 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 #A13A50 looks like.

```
.text, #text, p{  
    color:#A13A50  
}
```

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 #A13A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13A50
}
```

## Border

The CSS property to change the border of an element to Hex A13A50 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
#A13A50 }
```

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

```
.border{ border-color:#A13A50 }
```

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

Here you see how a box with a 4 pixel #A13A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13A50; -webkit-box-shadow:4px 4px  
4px 4px #A13A50; box-shadow:4px 4px 4px  
4px #A13A50 }
```

# Background

The CSS property to change the background color of an element to Hex A13A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13A50 }
```

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

```
.background{ background-color:#A13A50 }
```

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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