

# Converting Colors

Hex(A13338)

Have a look what the booklet for  
Hex(A13338) contains.

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# Color

**Hex(A13338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A13338
RGB	161, 51, 56
RGB Percent	63%, 20%, 22%
CMY	0.3686, 0.8000, 0.7804
CMYK	0.00, 0.68, 0.65, 0.37
HSL	357°, 52%, 42%
HSV	357°, 68%, 63%
XYZ	16.5956, 10.2302, 4.8413
YIQ	84.4600, 63.9550, 24.8750

# Conversions

## Conversions Part 2

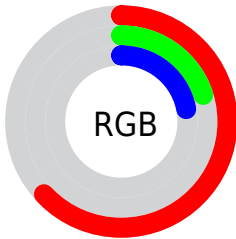
Format	Color
<b>R<sub>YB</sub></b>	161, 51, 56
Decimal	10564408
CIE <sub>Lab</sub>	38.25, 45.61, 22.68
CIE <sub>LCh</sub>	38, 50.943, 26.442
Yxy	10.2302, 0.5241, 0.3231
Android (android.graphics.Color)	4288754488 (0xFFA13338)
YUV	84.4600, -14.0308, 67.1256
Hunter-Lab	31.9848, 36.6430, 13.4150

# Details

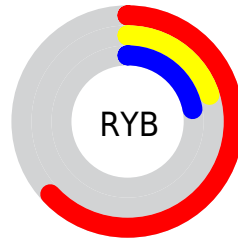
The Hex color **A13338** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **33A19C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **DD6867**, and **67000E** is the 20% darker color. If you saturate the color by 10%, you get **A12329**, and if you desaturate by 10%, it is **A14347**.

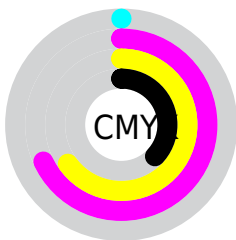
# Distribution



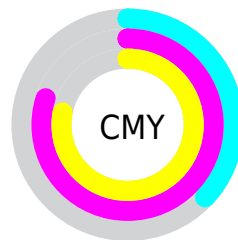
- Red (63%)
- Green (20%)
- Blue (22%)



- Red (63%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (65%)
- Black (37%)



- Cyan (37%)
- Magenta (80%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13338 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 A13338 by changing the saturation by 10% instead.



 A13338

 A13338

FFFFFF

 841523

 DD6867

 67000E

 FC8380

 4A0000

 FF9E9A

 310002

 FFBA85

 000000

 FFD6D0

 FFF3ED

 A13338

 A13338

 A12329

 A14347

 A11319

 A15357

 A1030A

 A16366

 A10007

 A17375

 A18485

 A19494

 A1A4A4

 A1B4B3

 A1C4C2

# Harmonies

## Analogous

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



A02E61



A13338



904512

# Triad

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



A13338



006929



0061AD

# Complementary

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



A13338



33A19C

# 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.



00699F



A13338



006C54

# Square

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



A13338



496200



006D7E



4E51A5

# Rectangle

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



A13338



7C5100



006D7E



0064AB



# Sweetspot

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



A13338



D1A7A9



9B33A1



694F51



E8E8E8



696969



# Same Dimension

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



A13338



D1262D



A16533



52494A



910007



120001



# Inverse Universe

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



A13338



D1262D



3370A1



52494A



910007



120001



# Previews

## White Background



This preview shows how the Hex color A13338 looks on a white background.

## Color Contrast Check

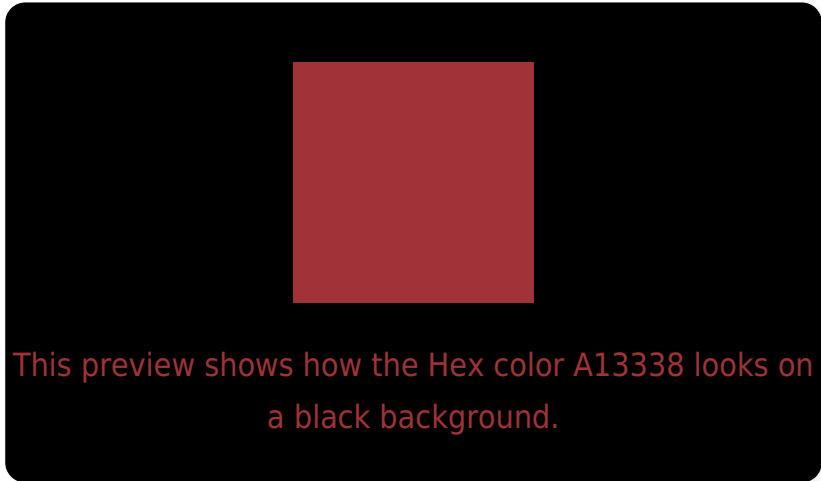
Large Text (above 18pt) WCAG AA ✓ Pass

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 A13338 Background



This preview shows how black text looks on a background with the Hex color A13338.

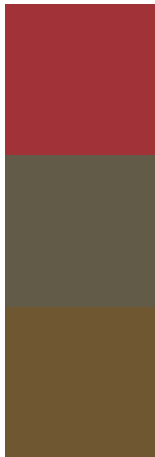


This preview shows how white text looks on a background with the Hex color A13338.

# 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**  
A13338

**Protanopia**  
615B48

**Deuteranopia**  
6F5732



**Tritanopia**  
A13336

# Trichromacy



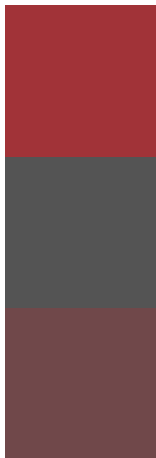
**Original Color**  
A13338

**Protanomaly**  
784C42

**Deuteranomaly**  
814A34

**Tritanomaly**  
A13337

# Monochromacy



**Original Color**  
A13338

**Achromatopsia**  
545454

**Achromatomaly**  
70484A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A13338 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 #A13338 looks like.

```
.text, #text, p{  
    color:#A13338  
}
```

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 #A13338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13338
}
```

## Border

The CSS property to change the border of an element to Hex A13338 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
#A13338 }
```

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

```
.border{ border-color:#A13338 }
```

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

Here you see how a box with a 4 pixel #A13338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13338; -webkit-box-shadow:4px 4px  
4px 4px #A13338; box-shadow:4px 4px 4px  
4px #A13338 }
```

# Background

The CSS property to change the background color of an element to Hex A13338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13338 }
```

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

```
.background{ background-color:#A13338 }
```

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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