

Converting Colors

Hex(A33B3D)

Have a look what the booklet for
Hex(A33B3D) contains.

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Color

Hex(A33B3D)

Conversions

Conversions Part 1

Format	Color
Hex	A33B3D
RGB	163, 59, 61
RGB Percent	64%, 23%, 24%
CMY	0.3608, 0.7686, 0.7608
CMYK	0.00, 0.64, 0.63, 0.36
HSL	359°, 47%, 44%
HSV	359°, 64%, 64%
XYZ	17.5105, 11.2514, 5.6637
YIQ	90.3240, 61.3420, 22.6700

Conversions

Conversions Part 2

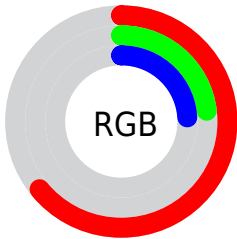
Format	Color
R_{YB}	163, 59, 61
Decimal	10697533
CIE Lab	40.00, 43.12, 21.89
CIE LCh	40, 48.363, 26.918
Yxy	11.2514, 0.5086, 0.3268
Android (android.graphics.Color)	4288887613 (0xFFA33B3D)
YUV	90.3240, -14.4567, 63.7369
Hunter-Lab	33.5431, 34.4821, 13.4691

Details

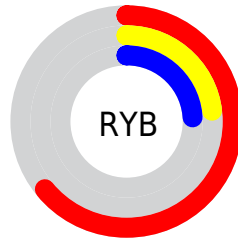
The Hex color **A33B3D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3BA3A1**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **DF6F6C**, and **690013** is the 20% darker color. If you saturate the color by 10%, you get **A32B2D**, and if you desaturate by 10%, it is **A34B4D**.

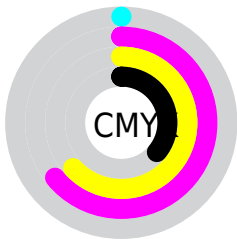
Distribution



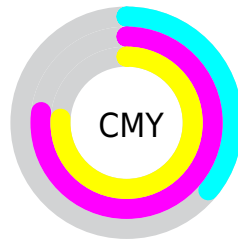
- Red (64%)
- Green (23%)
- Blue (24%)



- Red (64%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33B3D 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 A33B3D by changing the saturation by 10% instead.

 A33B3D

 A33B3D

FFFFFF

 862027

 DF6F6C

 690013

 FD8A86

 4D0000

 FFA5A0

 340002

 FFC1BB

 000000

 FFDED7

 FFFBF3

 A33B3D

 A33B3D

 A32B2D

 A34B4D

 A31A1D

 A35C5D

 A30A0D

 A36C6D

 A30003

 A37C7D

 A38C8D

 A39D9D

 A3ADAD

 A3BDBD

 A3CECD

Harmonies

Analogous

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



A23664



A33B3D



924B1A

Triad

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



A33B3D



0B6D31



0064AD

Complementary

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



A33B3D



3BA3A1

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.



006DA0



A33B3D



007059

Square

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



A33B3D



4F660B



007081



5556A5

Rectangle

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



A33B3D



805604



007081



0068AB

Sweetspot

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



A33B3D



D4ABAC



A03BA3



6B5253



EBEBEB



6B6B6B

Same Dimension

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



A33B3D



D43134



A36C3B



52494A



910003



120000

Inverse Universe

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



A33B3D



D43134



3B72A3



52494A



910003



120000

Previews

White Background



This preview shows how the Hex color A33B3D looks on a white background.

Color Contrast Check

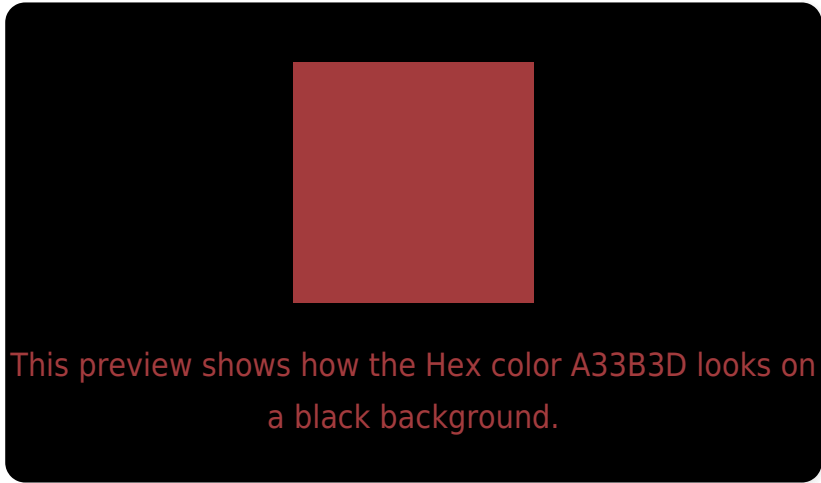
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33B3D Background



This preview shows how black text looks on a background with the Hex color A33B3D.

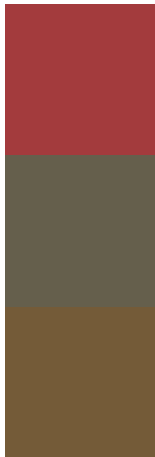


This preview shows how white text looks on a background with the Hex color A33B3D.

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
A33B3D

Protanopia
655F4C

Deuteranopia
745B38



Tritanopia
A33B3E

Trichromacy



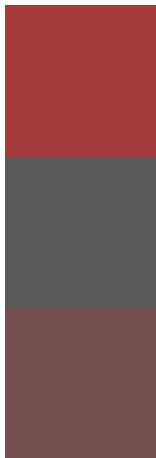
Original Color
A33B3D

Protanomaly
7C5247

Deuteranomaly
854F3A

Tritanomaly
A33B3E

Monochromacy



Original Color
A33B3D

Achromatopsia
5A5A5A

Achromatomaly
754F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex A33B3D 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 #A33B3D looks like.

```
.text, #text, p{  
    color:#A33B3D  
}
```

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 #A33B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33B3D
}
```

Border

The CSS property to change the border of an element to Hex A33B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

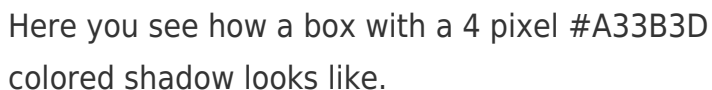
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33B3D }
```

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

```
.border{ border-color:#A33B3D }
```

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



Here you see how a box with a 4 pixel `#A33B3D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33B3D; -webkit-box-shadow:4px 4px  
4px 4px #A33B3D; box-shadow:4px 4px 4px  
4px #A33B3D }
```

Background

The CSS property to change the background color of an element to Hex A33B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33B3D }
```

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

```
.background{ background-color:#A33B3D }
```

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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