

Converting Colors

Hex(A33B5F)

Have a look what the booklet for
Hex(A33B5F) contains.

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Color

Hex(A33B5F)

Conversions

Conversions Part 1

Format	Color
Hex	A33B5F
RGB	163, 59, 95
RGB Percent	64%, 23%, 37%
CMY	0.3608, 0.7686, 0.6275
CMYK	0.00, 0.64, 0.42, 0.36
HSL	339°, 47%, 44%
HSV	339°, 64%, 64%
XYZ	18.7338, 11.7407, 12.1053
YIQ	94.2000, 50.4280, 33.2440

Conversions

Conversions Part 2

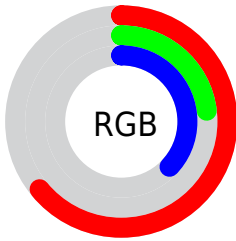
Format	Color
R_{YB}	163, 59, 95
Decimal	10697567
CIE _{Lab}	40.80, 46.15, 1.76
CIE _{LCh}	41, 46.184, 2.189
Yxy	11.7407, 0.4400, 0.2757
Android (android.graphics.Color)	4288887647 (0xFFA33B5F)
YUV	94.2000, 0.3944, 60.3376
Hunter-Lab	34.2647, 37.6294, 3.0389

Details

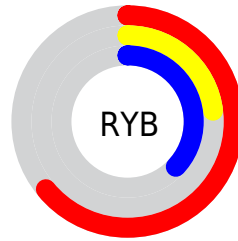
The Hex color **A33B5F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3BA37F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **DD7091**, and **6B0031** is the 20% darker color. If you saturate the color by 10%, you get **A32B54**, and if you desaturate by 10%, it is **A34B6A**.

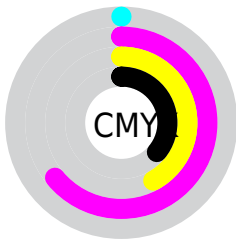
Distribution



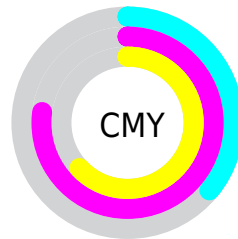
- Red (64%)
- Green (23%)
- Blue (37%)



- Red (64%)
- Yellow (23%)
- Blue (37%)



- Cyan (0%)
- Magenta (64%)
- Yellow (42%)
- Black (36%)



- Cyan (36%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33B5F 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 A33B5F by changing the saturation by 10% instead.

 A33B5F

 A33B5F

FFFFFF

 871F47

 DD7091

 6B0031

 FB8BAC

 50001C

 FFA6C7

 380002

 FFC2E3

 100000

 FFDFFF

 000000

 FFFCFF

 A33B5F

 A33B5F

 A32B54

 A34B6A

 A31A4A

 A35C74

 A30A3F

 A36C7F

 A30038

 A37C8A

 A38C94

 A39D9F

 A3ADAA

 A3BDB4

 A3CEBF

Harmonies

Analogous

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



904484



A33B5F



A1423A

Triad

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



A33B5F



4A6919



006DA3

Complementary

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



A33B5F



3BA37F

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.



007188



A33B5F



006F3B

Square

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



A33B5F



715F07



007262



0064AC

Rectangle

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



A33B5F



964C24



007262



006F9B

Sweetspot

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



A33B5F



D4ABB9



7F3BA3



6B525B



EBEBEB



6B6B6B

Same Dimension

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



A33B5F



D43169



A34B3B



52494C



910032



120006

Inverse Universe

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



A33B5F



D43169



3B93A3



52494C



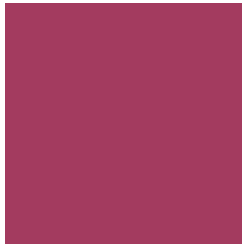
910032



120006

Previews

White Background



This preview shows how the Hex color A33B5F looks on a white background.

Color Contrast Check

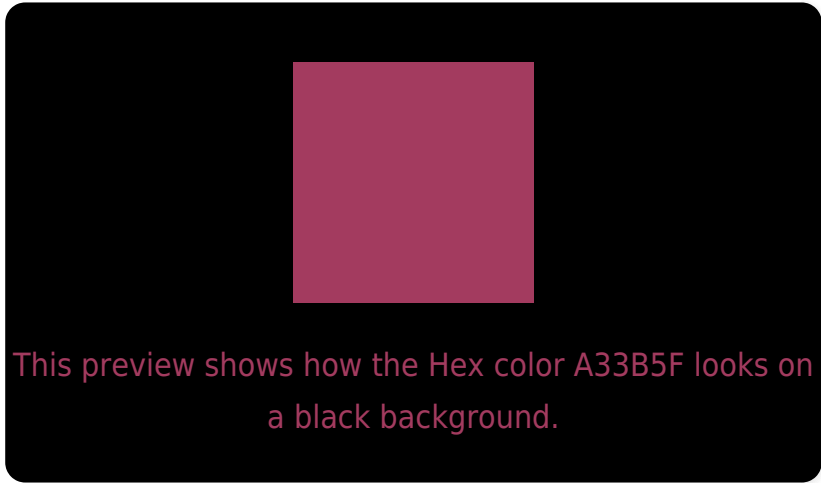
Large Text (above 18pt) WCAG AA ✓ Pass

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

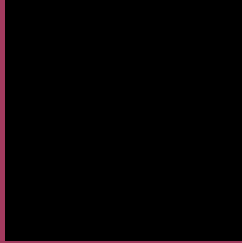
Any Text WCAG AA × Fail

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 A33B5F Background



This preview shows how black text looks on a background with the Hex color A33B5F.

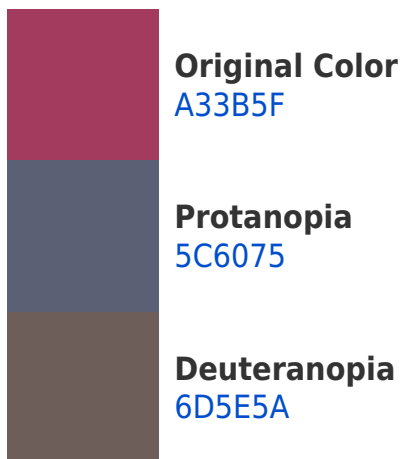



This preview shows how white text looks on a background with the Hex color A33B5F.

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](#).

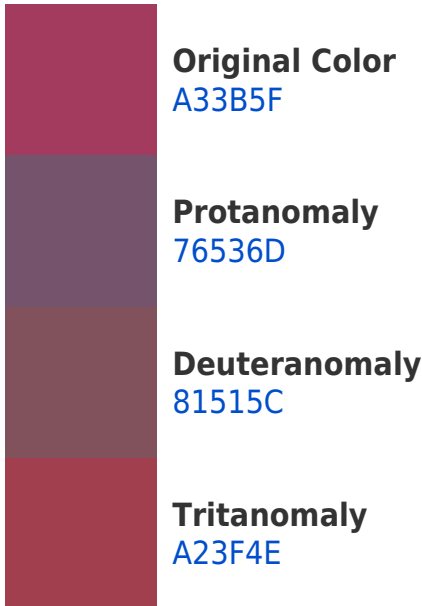
Dichromacy





Tritanopia
A14145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A33B5F 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 #A33B5F looks like.

```
.text, #text, p{  
    color:#A33B5F  
}
```

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 #A33B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33B5F
}
```

Border

The CSS property to change the border of an element to Hex A33B5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

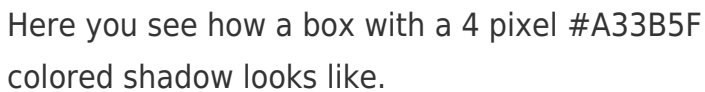
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33B5F }
```

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

```
.border{ border-color:#A33B5F }
```

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



Here you see how a box with a 4 pixel `#A33B5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33B5F; -webkit-box-shadow:4px 4px  
4px 4px #A33B5F; box-shadow:4px 4px 4px  
4px #A33B5F }
```

Background

The CSS property to change the background color of an element to Hex A33B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33B5F }
```

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

```
.background{ background-color:#A33B5F }
```

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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