

Converting Colors

Hex(A33C37)

Have a look what the booklet for
Hex(A33C37) contains.

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Color

Hex(A33C37)

Conversions

Conversions Part 1

Format	Color
Hex	A33C37
RGB	163, 60, 55
RGB Percent	64%, 24%, 22%
CMY	0.3608, 0.7647, 0.7843
CMYK	0.00, 0.63, 0.66, 0.36
HSL	3°, 50%, 43%
HSV	3°, 66%, 64%
XYZ	17.4097, 11.2941, 4.8768
YIQ	90.2270, 62.9930, 20.2810

Conversions

Conversions Part 2

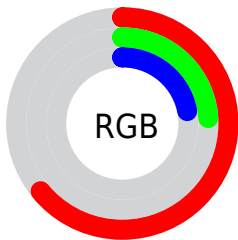
Format	Color
RYB	163, 60, 55
Decimal	10697783
CIELab	40.07, 42.27, 25.65
CIELCh	40, 49.443, 31.248
Yxy	11.2941, 0.5184, 0.3363
Android (android.graphics.Color)	4288887863 (0xFFA33C37)
YUV	90.2270, -17.3669, 63.8219
Hunter-Lab	33.6067, 33.6590, 14.9208

Details

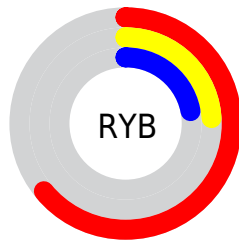
The Hex color **A33C37** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **379EA3**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **DF7066**, and **69000C** is the 20% darker color. If you saturate the color by 10%, you get **A32C27**, and if you desaturate by 10%, it is **A34C47**.

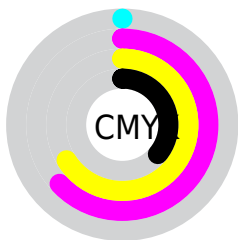
Distribution



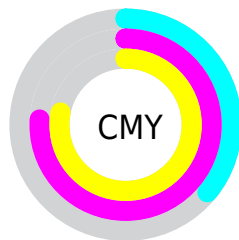
- Red (64%)
- Green (24%)
- Blue (22%)



- Red (64%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (63%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33C37 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 A33C37 by changing the saturation by 10% instead.

 A33C37

 A33C37

FFFFFF

 862121

 DF7066

 69000C

 FD8B7F

 4D0000

 FFA699

 340002

 FFC2B4

 000000

 FFDED0

 FFFBEC

 A33C37

 A33C37

 A32C27

 A34C47

 A31D16

 A35B58

 A30D06

 A36B68

 A30800

 A37A78

 A38A89

 A39999

 A3A9A9

 A3B8B9

 A3C8CA

Harmonies

Analogous

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



A5355E



A33C37



904D13

Triad

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



A33C37



006E35



0063B0

Complementary

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



A33C37



379EA3

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.



006CA5



A33C37



00715F

Square

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



A33C37



48680E



007187



5F53A4

Rectangle

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



A33C37



7C5800



007187



0067AE

Sweetspot

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



A33C37



D4ABA9



A3379F



6B5351



EBEBEB



6B6B6B

Same Dimension

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



A33C37



D4322A



A37137



524A49



910700



120100

Inverse Universe

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



379EA3



2ACCD4



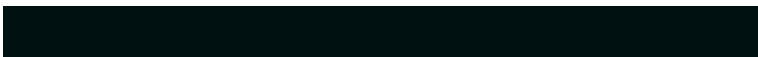
3769A3



495152



008B91



001112

Previews

White Background



This preview shows how the Hex color A33C37 looks on a white background.

Color Contrast Check

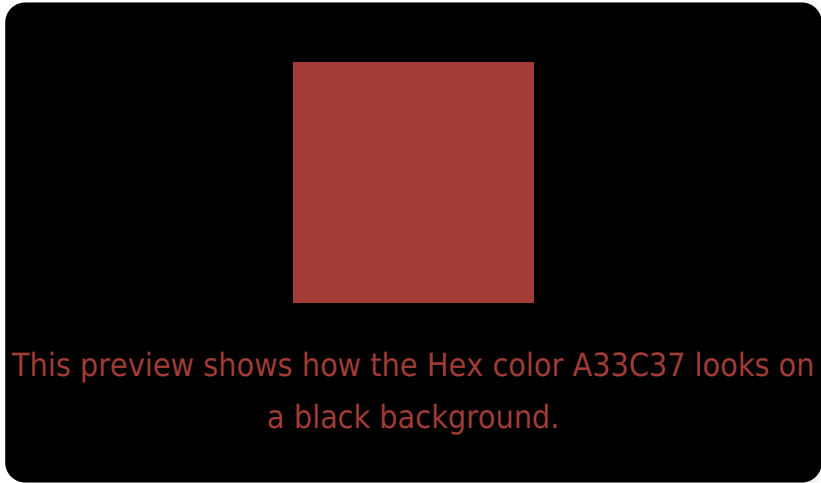
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33C37 Background



This preview shows how black text looks on a background with the Hex color A33C37.



This preview shows how white text looks on a background with the Hex color A33C37.

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
A33B3E

Trichromacy



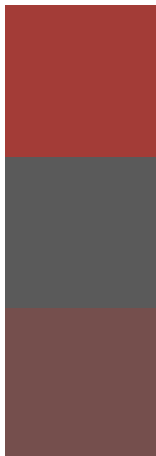
Original Color
A33C37

Protanomaly
7D523F

Deuteranomaly
865034

Tritanomaly
A33B3B

Monochromacy



Original Color
A33C37

Achromatopsia
5A5A5A

Achromatomaly
754F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex A33C37 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 #A33C37 looks like.

```
.text, #text, p{  
    color:#A33C37  
}
```

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 #A33C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33C37
}
```

Border

The CSS property to change the border of an element to Hex A33C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

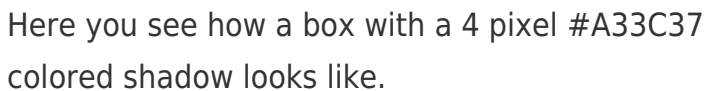
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33C37 }
```

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

```
.border{ border-color:#A33C37 }
```

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



Here you see how a box with a 4 pixel `#A33C37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33C37; -webkit-box-shadow:4px 4px  
4px 4px #A33C37; box-shadow:4px 4px 4px  
4px #A33C37 }
```

Background

The CSS property to change the background color of an element to Hex A33C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33C37 }
```

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

```
.background{ background-color:#A33C37 }
```

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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