

Converting Colors

Hex(A33031)

Have a look what the booklet for
Hex(A33031) contains.

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Color

Hex(A33031)

Conversions

Conversions Part 1

Format	Color
Hex	A33031
RGB	163, 48, 49
RGB Percent	64%, 19%, 19%
CMY	0.3608, 0.8118, 0.8078
CMYK	0.00, 0.71, 0.70, 0.36
HSL	359°, 55%, 41%
HSV	359°, 71%, 64%
XYZ	16.7156, 10.1222, 3.9785
YIQ	82.4990, 68.2190, 24.6910

Conversions

Conversions Part 2

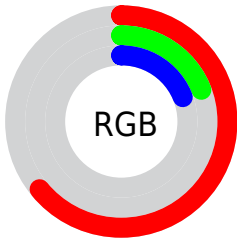
Format	Color
R_{YB}	163, 48, 49
Decimal	10694705
CIE _{Lab}	38.06, 47.11, 26.84
CIE _{LCh}	38, 54.222, 29.672
Yxy	10.1222, 0.5424, 0.3285
Android (android.graphics.Color)	4288884785 (0xFFA33031)
YUV	82.4990, -16.5150, 70.5994
Hunter-Lab	31.8154, 38.1058, 14.8566

Details

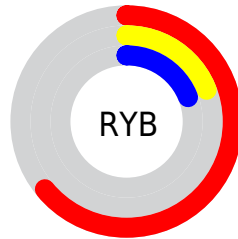
The Hex color **A33031** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **30A3A2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E0665F**, and **680004** is the 20% darker color. If you saturate the color by 10%, you get **A32021**, and if you desaturate by 10%, it is **A34041**.

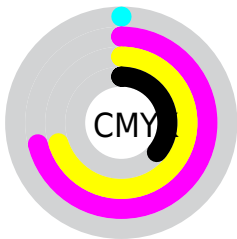
Distribution



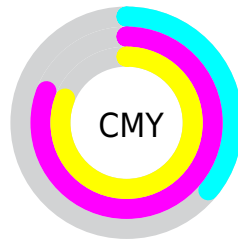
- Red (64%)
- Green (19%)
- Blue (19%)



- Red (64%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (71%)
- Yellow (70%)
- Black (36%)



- Cyan (36%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33031 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 A33031 by changing the saturation by 10% instead.

 A33031

 A33031

FFFFFF

 85101C

 E0665F

 680004

 FE8078

 4B0000

 FF9C92

 310002

 FFB8AD

 000000

 FFD4C8

 FFF1E4

 A33031

 A33031

 A32021

 A34041

 A30F11

 A35151

 A30001

 A36161

 A37172

 A38282

 A39292

 A3A2A2

 A3B2B2

 A3C3C2

Harmonies

Analogous

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



A4275C



A33031



8F4504

Triad

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



A33031



006A2A



005FB2

Complementary

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



A33031



30A3A2

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.



0069A5



A33031



006D58

Square

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



A33031



426300



006D84



544EA7

Rectangle

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



A33031



795200



006D84



0063B0

Sweetspot

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



A33031



D4A7A8



A130A3



6B5051



EBEBEB



6B6B6B

Same Dimension

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



A33031



D42021



A36830



52494A



910001



120000

Inverse Universe

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



A33031



D42021



306BA3



52494A



910001



120000

Previews

White Background



This preview shows how the Hex color A33031 looks on a white background.

Color Contrast Check

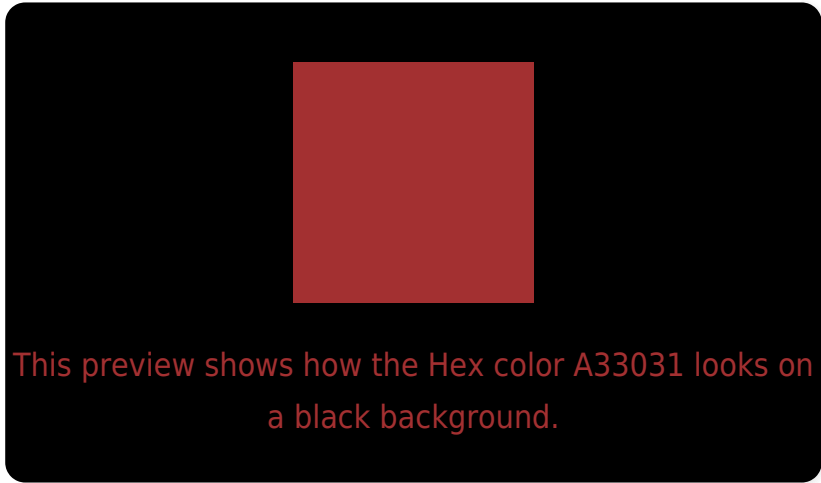
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33031 Background



This preview shows how black text looks on a background with the Hex color A33031.

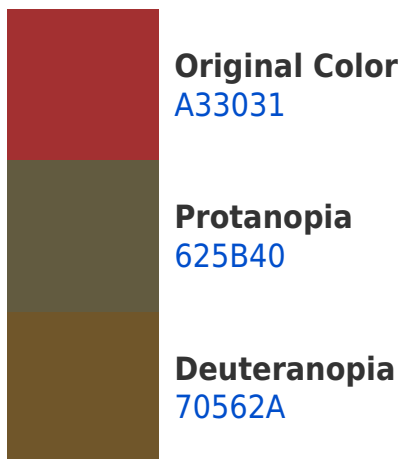


This preview shows how white text looks on a background with the Hex color A33031.

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



Trichromacy



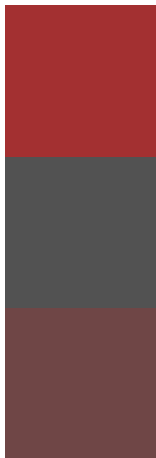
Original Color
A33031

Protanomaly
7A4B3B

Deuteranomaly
83482D

Tritanomaly
A33032

Monochromacy



Original Color
A33031

Achromatopsia
525252

Achromatomaly
6F4646

CSS Examples

Text

The CSS property to change the color of the text to Hex A33031 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 #A33031 looks like.

```
.text, #text, p{  
    color:#A33031  
}
```

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 #A33031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33031
}
```

Border

The CSS property to change the border of an element to Hex A33031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

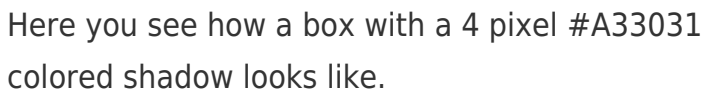
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33031 }
```

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

```
.border{ border-color:#A33031 }
```

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



Here you see how a box with a 4 pixel `#A33031` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33031; -webkit-box-shadow:4px 4px  
4px 4px #A33031; box-shadow:4px 4px 4px  
4px #A33031 }
```

Background

The CSS property to change the background color of an element to Hex A33031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33031 }
```

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

```
.background{ background-color:#A33031 }
```

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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