

Converting Colors

Hex(A33613)

Have a look what the booklet for
Hex(A33613) contains.

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Color

Hex(A33613)

Conversions

Conversions Part 1

Format	Color
Hex	A33613
RGB	163, 54, 19
RGB Percent	64%, 21%, 7%
CMY	0.3608, 0.7882, 0.9255
CMYK	0.00, 0.67, 0.88, 0.36
HSL	15°, 79%, 36%
HSV	15°, 88%, 64%
XYZ	16.5410, 10.4719, 1.7656
YIQ	82.6010, 76.1990, 12.2230

Conversions

Conversions Part 2

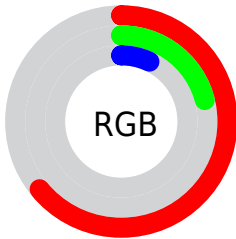
Format	Color
R _Y B	163, 65, 19
Decimal	10696211
CIE Lab	38.68, 43.48, 43.65
CIE LCh	39, 61.609, 45.110
Yxy	10.4719, 0.5748, 0.3639
Android (android.graphics.Color)	4288886291 (0xFFA33613)
YUV	82.6010, -31.3553, 70.5099
Hunter-Lab	32.3603, 34.6098, 19.4174

Details

The Hex color **A33613** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1380A3**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E16A42**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A32A03**, and if you desaturate by 10%, it is **A34223**.

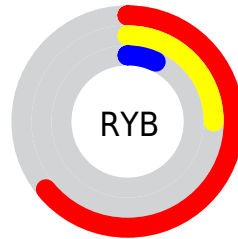
Distribution



Red (64%)

Green (21%)

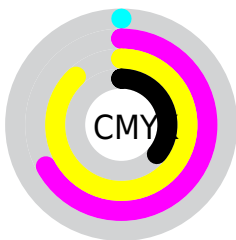
Blue (7%)



Red (64%)

Yellow (25%)

Blue (7%)

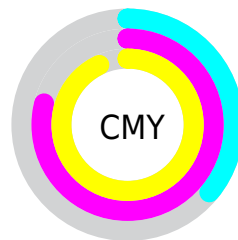


Cyan (0%)

Magenta (67%)

Yellow (88%)

Black (36%)



Cyan (36%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33613 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 A33613 by changing the saturation by 10% instead.

 A33613

 A33613

FFFFFFD

 851A00

 E16A42

 670000

 FF855B

 4A0000

 FFA074

 300002

 FFBC8E

 000000

 FFD8A9

 FFF5C4

 FFFFEO

 A33613

 A33613

■ A32A03

■ A34223

■ A32800

■ A34F34

■ A35B44

■ A36754

■ A37465

■ A38075

■ A38C85

■ A39995

■ A3A5A6

Harmonies

Analogous

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



B11944



A33613



835000

Triad

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



A33613



006F3F



0059BD

Complementary

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



A33613



1380A3

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.



0068BD



A33613



007174

Square

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



A33613



0F6A02



006FA2



7B40A3

Rectangle

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



A33613



685C00



006FA2



005FC0

Sweetspot

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



A33613



D4A89B



A31381



6B5149



EBEBEB



6B6B6B

Same Dimension

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



A33613



D43300



A37D13



524B49



912300



120400

Inverse Universe

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



1380A3



00A0D4



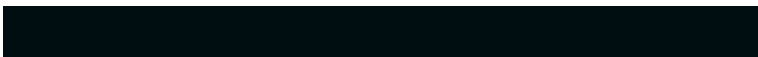
1339A3



495052



006E91



000E12

Previews

White Background



This preview shows how the Hex color A33613 looks on a white background.

Color Contrast Check

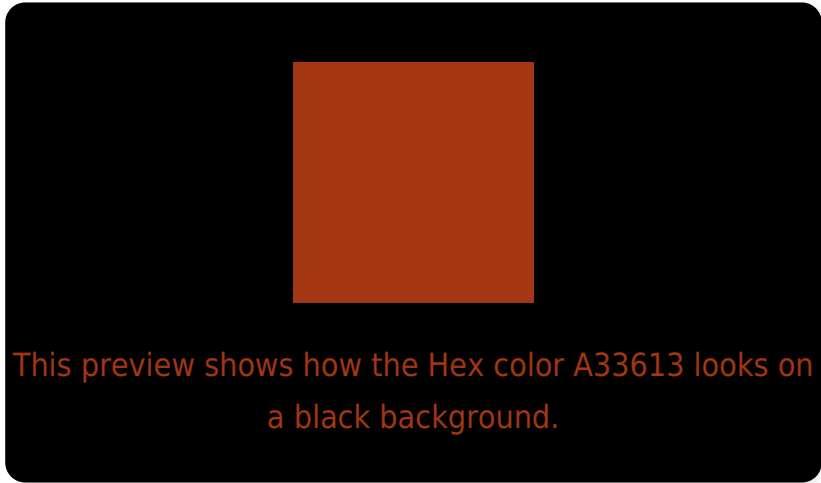
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33613 Background



This preview shows how black text looks on a background with the Hex color A33613.

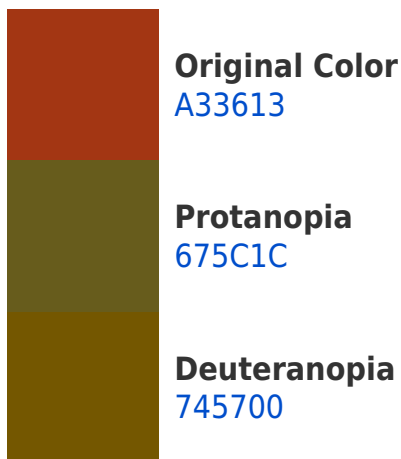


This preview shows how white text looks on a background with the Hex color A33613.

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
A43335

Trichromacy



Original Color
A33613

Protanomaly
7D4E19

Deuteranomaly
854B07

Tritanomaly
A43429

Monochromacy



Original Color
A33613

Achromatopsia
535353

Achromatomaly
70483C

CSS Examples

Text

The CSS property to change the color of the text to Hex A33613 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 #A33613 looks like.

```
.text, #text, p{  
    color:#A33613  
}
```

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 #A33613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33613
}
```

Border

The CSS property to change the border of an element to Hex A33613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

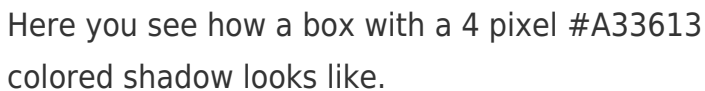
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33613 }
```

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

```
.border{ border-color:#A33613 }
```

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



Here you see how a box with a 4 pixel `#A33613` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33613; -webkit-box-shadow:4px 4px  
4px 4px #A33613; box-shadow:4px 4px 4px  
4px #A33613 }
```

Background

The CSS property to change the background color of an element to Hex A33613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33613 }
```

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

```
.background{ background-color:#A33613 }
```

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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