

Converting Colors

Hex(A64E33)

Have a look what the booklet for
Hex(A64E33) contains.

Hex(A64E33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A64E33)

Conversions

Conversions Part 1

Format	Color
Hex	A64E33
RGB	166, 78, 51
RGB Percent	65%, 31%, 20%
CMY	0.3490, 0.6941, 0.8000
CMYK	0.00, 0.53, 0.69, 0.35
HSL	14°, 53%, 43%
HSV	14°, 69%, 65%
XYZ	19.0478, 13.7948, 4.7907
YIQ	101.2340, 61.1150, 10.2590

Conversions

Conversions Part 2

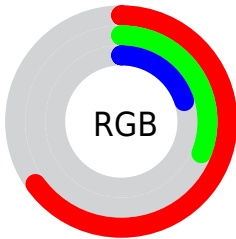
Format	Color
R_{YB}	166, 86, 51
Decimal	10898995
CIE _{Lab}	43.94, 34.25, 32.73
CIE _{LCh}	44, 47.376, 43.704
Yxy	13.7948, 0.5061, 0.3666
Android (android.graphics.Color)	4289089075 (0xFFA64E33)
YUV	101.2340, -24.7654, 56.7998
Hunter-Lab	37.1413, 26.5458, 18.3514

Details

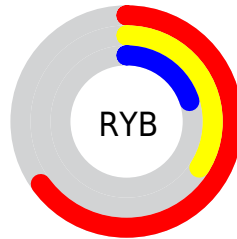
The Hex color **A64E33** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **338BA6**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E28162**, and **6C1D06** is the 20% darker color. If you saturate the color by 10%, you get **A64122**, and if you desaturate by 10%, it is **A65B44**.

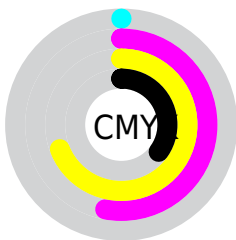
Distribution



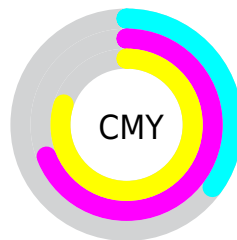
- Red (65%)
- Green (31%)
- Blue (20%)



- Red (65%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (35%)



- Cyan (35%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color A64E33 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 A64E33 by changing the saturation by 10% instead.

 A64E33

 A64E33

FFFFFF

 89351D

 E28162

 6C1D06

 FF9C7C

 500100

 FFB796

 350000

 FFD3B0

 130000

 FFF0CC

 000000

 FFFFEE

 A64E33

 A64E33

 A64122

 A65B44

 A63512

 A66754

 A62801

 A67465

 A62700

 A68175

 A68E86

 A69A97

 A6A7A7

 A6B4B8

 A6C0C8

Harmonies

Analogous

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



AF4357



A64E33



8E5E16

Triad

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



A64E33



007950



3C66B5

Complementary

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



A64E33



338BA6

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.



0072B3



A64E33



007B79

Square

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



A64E33



3E742B



00799D



8155A1

Rectangle

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



A64E33



77680E



00799D



006BB7

Sweetspot

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



A64E33



D9B6AB



A6338B



6E5952



EDEDED



6E6E6E

Same Dimension

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



A64E33



D94F25



A68733



544E4C



942300



140500

Inverse Universe

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



338BA6



25AFD9



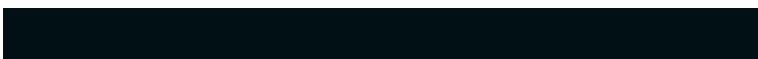
3352A6



4C5254



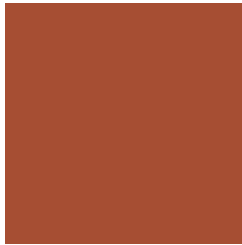
007194



001014

Previews

White Background



This preview shows how the Hex color A64E33 looks on a white background.

Color Contrast Check

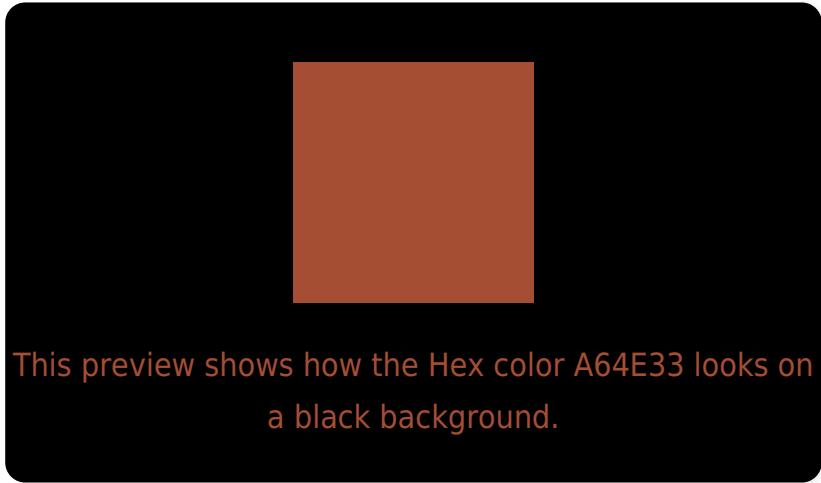
Large Text (above 18pt) WCAG AA ✓ Pass

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 A64E33 Background



This preview shows how black text looks on a background with the Hex color A64E33.



This preview shows how white text looks on a background with the Hex color A64E33.

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
A74A4F

Trichromacy



Original Color
A64E33

Protanomaly
865F39

Deuteranomaly
8E5B30

Tritanomaly
A74B45

Monochromacy



Original Color
A64E33

Achromatopsia
656565

Achromatomaly
7D5D53

CSS Examples

Text

The CSS property to change the color of the text to Hex A64E33 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 #A64E33 looks like.

```
.text, #text, p{  
    color:#A64E33  
}
```

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 #A64E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64E33
}
```

Border

The CSS property to change the border of an element to Hex A64E33 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
#A64E33 }
```

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

```
.border{ border-color:#A64E33 }
```

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

Here you see how a box with a 4 pixel #A64E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64E33; -webkit-box-shadow:4px 4px  
4px 4px #A64E33; box-shadow:4px 4px 4px  
4px #A64E33 }
```

Background

The CSS property to change the background color of an element to Hex A64E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64E33 }
```

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

```
.background{ background-color:#A64E33 }
```

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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