

# Converting Colors

Hex(A64C51)

Have a look what the booklet for  
Hex(A64C51) contains.

<b>Hex(A64C51)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A64C51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A64C51
RGB	166, 76, 81
RGB Percent	65%, 30%, 32%
CMY	0.3490, 0.7020, 0.6824
CMYK	0.00, 0.54, 0.51, 0.35
HSL	357°, 37%, 47%
HSV	357°, 54%, 65%
XYZ	19.7955, 13.8700, 9.4184
YIQ	103.4800, 52.0350, 20.6350

# Conversions

## Conversions Part 2

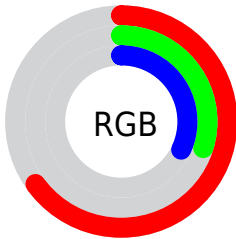
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 76, 81
Decimal	10898513
CIE <sub>Lab</sub>	44.05, 37.56, 15.08
CIE <sub>LCh</sub>	44, 40.473, 21.870
Yxy	13.8700, 0.4595, 0.3219
Android (android.graphics.Color)	4289088593 (0xFFA64C51)
YUV	103.4800, -11.0826, 54.8300
Hunter-Lab	37.2424, 29.7043, 11.0755

# Details

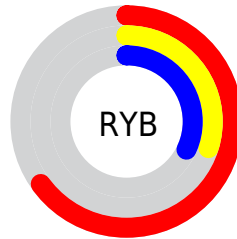
The Hex color **A64C51** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4CA6A1**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E08082**, and **6E1925** is the 20% darker color. If you saturate the color by 10%, you get **A63B41**, and if you desaturate by 10%, it is **A65D61**.

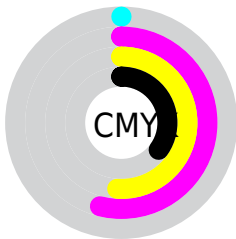
# Distribution



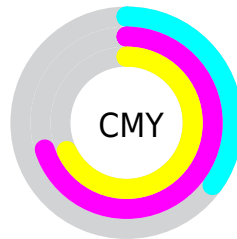
- Red (65%)
- Green (30%)
- Blue (32%)



- Red (65%)
- Yellow (30%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (70%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64C51 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 A64C51 by changing the saturation by 10% instead.



 A64C51

 A64C51

FFFFFF

 8A333A

 E08082

 6E1925

 FE9A9C

 520010

 FFB6B7

 380000

 FFD2D3

 180001

 FFEFEF

 000000

 A64C51

 A64C51

 A63B41

 A65D61

 A62B32

 A66D70

 A61A22

 A67E80

 A60A12

 A68E90

 A60009

 A69F9F

 A6B0AF

 A6C0BF

 A6D1CE

 A6E1DE

# Harmonies

## Analogous

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



A14B73



A64C51



9A5634

# Triad

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



A64C51



3A753D



006FAA

# Complementary

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



A64C51



4CA6A1

# 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.



00769C



A64C51



00785E

# Square

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



A64C51



636E26



007980



5A63A7

# Rectangle

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



A64C51



8C5F26



007980



0071A8



# Sweetspot

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



A64C51



D9B6B8



A04CA6



6E595A



EDEDED



6E6E6E



# Same Dimension

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



A64C51



D94C54



A6734C



544C4C



940008



140001



# Inverse Universe

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



A64C51



D94C54



4C7FA6



544C4C



940008

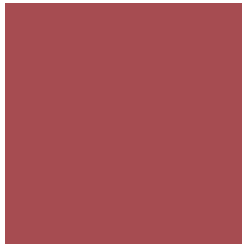


140001



# Previews

## White Background



This preview shows how the Hex color A64C51 looks on a white background.

## Color Contrast Check

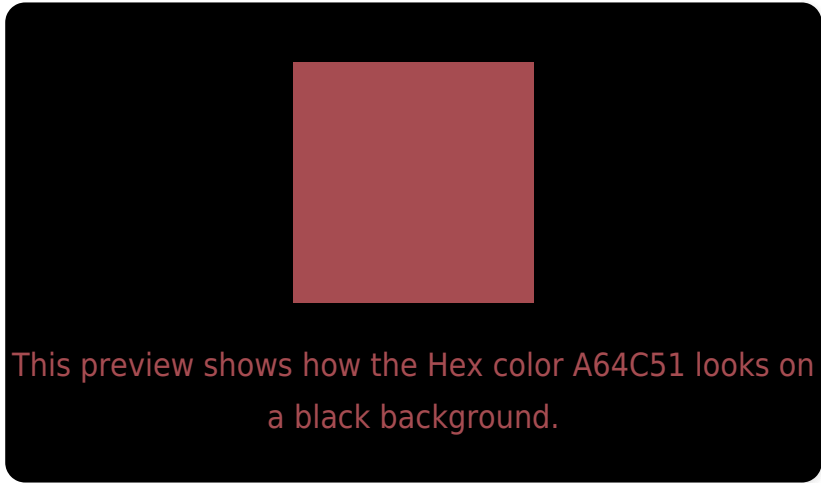
Large Text (above 18pt) WCAG AA ✓ Pass

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 A64C51 Background



This preview shows how black text looks on a background with the Hex color A64C51.

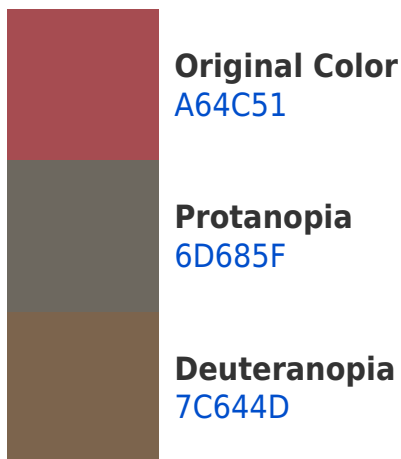


This preview shows how white text looks on a background with the Hex color A64C51.

# 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](#).

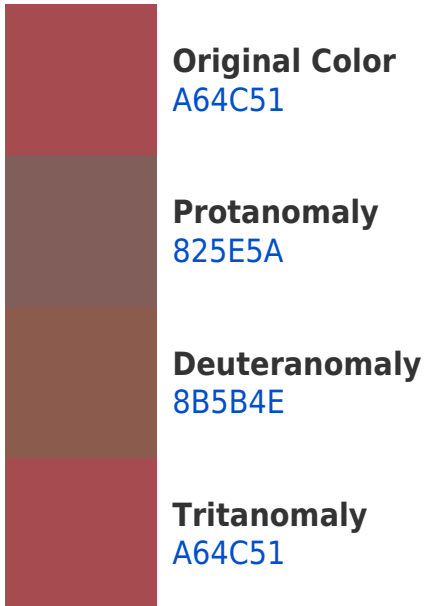
## Dichromacy





**Tritanopia**  
A64C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64C51 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 #A64C51 looks like.

```
.text, #text, p{  
    color:#A64C51  
}
```

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 #A64C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64C51
}
```

## Border

The CSS property to change the border of an element to Hex A64C51 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
#A64C51 }
```

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

```
.border{ border-color:#A64C51 }
```

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

Here you see how a box with a 4 pixel #A64C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64C51; -webkit-box-shadow:4px 4px  
4px 4px #A64C51; box-shadow:4px 4px 4px  
4px #A64C51 }
```

# Background

The CSS property to change the background color of an element to Hex A64C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64C51 }
```

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

```
.background{ background-color:#A64C51 }
```

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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