

# Converting Colors

Hex(604A48)

Have a look what the booklet for  
Hex(604A48) contains.

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**Color**

**Hex(604A48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	604A48
RGB	96, 74, 72
RGB Percent	38%, 29%, 28%
CMY	0.6235, 0.7098, 0.7176
CMYK	0.00, 0.23, 0.25, 0.62
HSL	5°, 14%, 33%
HSV	5°, 25%, 38%
XYZ	8.4423, 7.8522, 7.2016
YIQ	80.3500, 13.7540, 4.0420

# Conversions

## Conversions Part 2

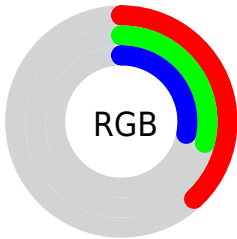
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 74, 72
Decimal	6310472
CIELab	33.67, 8.98, 4.76
CIElCh	34, 10.165, 27.933
Yxy	7.8522, 0.3593, 0.3342
Android (android.graphics.Color)	4284500552 (0xFF604A48)
YUV	80.3500, -4.1165, 13.7251
Hunter-Lab	28.0218, 4.7398, 4.3779

# Details

The Hex color **604A48** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485E60**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **937B78**, and **311E1D** is the 20% darker color. If you saturate the color by 10%, you get **60413E**, and if you desaturate by 10%, it is **605352**.

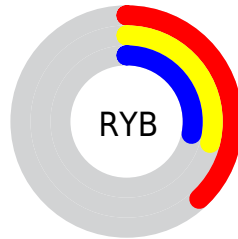
# Distribution



Red (38%)

Green (29%)

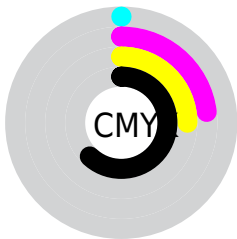
Blue (28%)



Red (38%)

Yellow (29%)

Blue (28%)

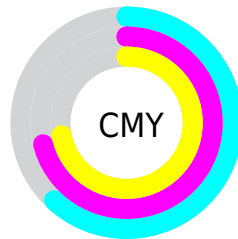


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (62%)



Cyan (62%)

Magenta (71%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 604A48 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 604A48 by changing the saturation by 10% instead.





604A48



604A48

FFFFFF



483332



937B78



311E1D



AE9592



1E0602



C9AFAD



000000



E5CBC8



FFE7E4



604A48



604A48



60413E



605352



603835



605C5B

■ 60302B

■ 606465

■ 602722

■ 606D6E

■ 601E18

■ 607678

■ 60150E

■ 607F82

■ 600C05

■ 60888B

■ 600800

■ 609095

■ 60999E

# Harmonies

## Analogous

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



5F4A50



604A48



5D4C42

# Triad

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



604A48



445346



45505F

# Complementary

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



604A48



485E60

# 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.



3D525D



604A48



3D544E

# Square

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



604A48



4D5141



3A5456



504D5D

# Rectangle

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



604A48



594E40



3A5456



42515F



# Sweetspot

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



604A48



7D7473



60485E



403A39



BFBFBF



404040



# Same Dimension

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



604A48



7D5B57



605648



302C2C



700900



F01400



# Inverse Universe

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



485E60



577A7D



485260



2C3030



006770



00DCF0



# Previews

## White Background



This preview shows how the Hex color 604A48 looks on a white background.

## Color Contrast Check

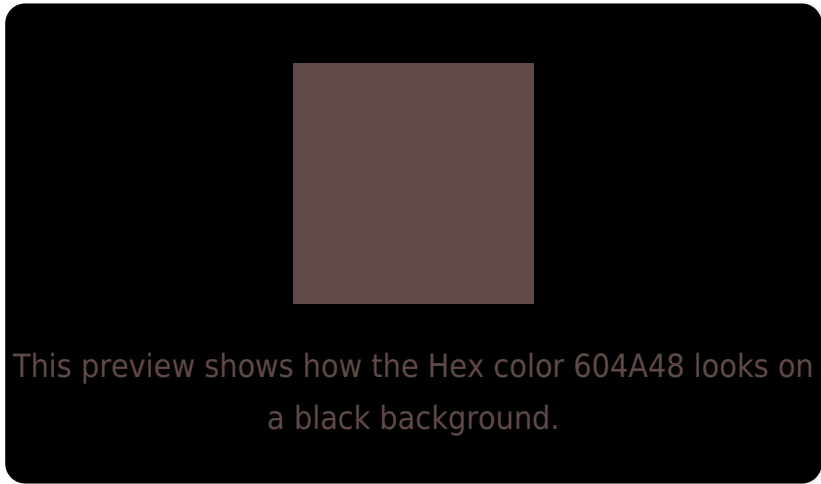
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

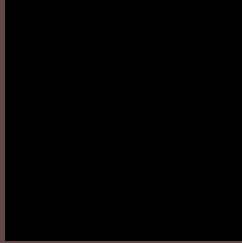
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 604A48 Background



This preview shows how black text looks on a background with the Hex color 604A48.

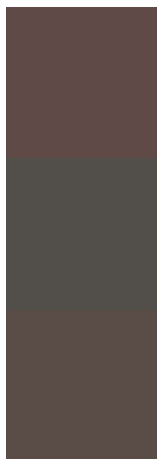


This preview shows how white text looks on a background with the Hex color 604A48.

# 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



**Original Color**  
604A48

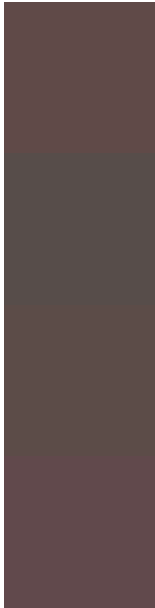
**Protanopia**  
524F4B

**Deuteranopia**  
5A4D48



**Tritanopia**  
61494F

# Trichromacy



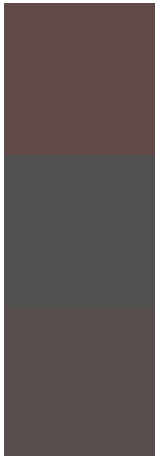
**Original Color**  
604A48

**Protanomaly**  
574D4A

**Deuteranomaly**  
5C4C48

**Tritanomaly**  
61494C

# Monochromacy



**Original Color**  
604A48

**Achromatopsia**  
505050

**Achromatomaly**  
564E4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 604A48 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 #604A48 looks like.

```
.text, #text, p{  
    color:#604A48  
}
```

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 #604A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604A48
}
```

## Border

The CSS property to change the border of an element to Hex 604A48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

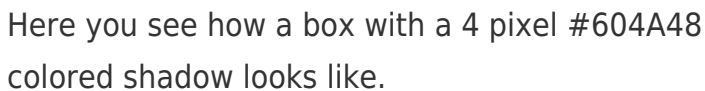
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604A48 }
```

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

```
.border{ border-color:#604A48 }
```

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



Here you see how a box with a 4 pixel #604A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604A48; -webkit-box-shadow:4px 4px  
4px 4px #604A48; box-shadow:4px 4px 4px  
4px #604A48 }
```

# Background

The CSS property to change the background color of an element to Hex 604A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604A48 }
```

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

```
.background{ background-color:#604A48 }
```

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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