

# Converting Colors

Hex(604A49)

Have a look what the booklet for  
Hex(604A49) contains.

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**Color**

**Hex(604A49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	604A49
RGB	96, 74, 73
RGB Percent	38%, 29%, 29%
CMY	0.6235, 0.7098, 0.7137
CMYK	0.00, 0.23, 0.24, 0.62
HSL	3°, 14%, 33%
HSV	3°, 24%, 38%
XYZ	8.4752, 7.8654, 7.3748
YIQ	80.4640, 13.4330, 4.3530

# Conversions

## Conversions Part 2

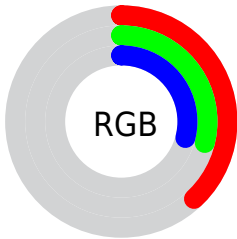
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 74, 73
Decimal	6310473
CIELab	33.70, 9.15, 4.17
CIELCh	34, 10.054, 24.478
Yxy	7.8654, 0.3574, 0.3317
Android (android.graphics.Color)	4284500553 (0xFF604A49)
YUV	80.4640, -3.6798, 13.6251
Hunter-Lab	28.0453, 4.8631, 4.0408

# Details

The Hex color **604A49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **495F60**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **937B7A**, and **311E1E** is the 20% darker color. If you saturate the color by 10%, you get **60413F**, and if you desaturate by 10%, it is **605353**.

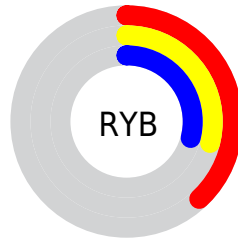
# Distribution



Red (38%)

Green (29%)

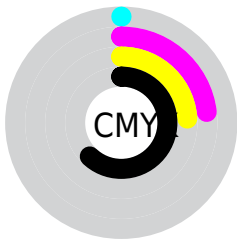
Blue (29%)



Red (38%)

Yellow (29%)

Blue (29%)

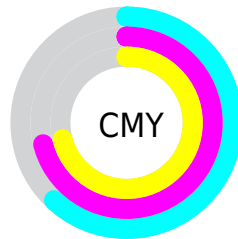


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (62%)



Cyan (62%)

Magenta (71%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 604A49 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 604A49 by changing the saturation by 10% instead.





604A49



604A49

FFFFFF



483333



937B7A



311E1E



AE9593



1E0604



C9AFAE



000000



E5CBC9



FFE7E5



604A49



604A49



60413F



605353



603836



605C5C

602E2C

606666

602523

606F6F

601C19

607879

60130F

608183

600A06

608A8C

600400

609396

609D9F

# Harmonies

## Analogous

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



5E4A51



604A49



5D4C43

# Triad

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



604A49



455346



44505F

# Complementary

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



604A49



495F60

# 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.



3D535C



604A49



3E544D

# Square

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



604A49



4E5141



3A5456



4F4E5E

# Rectangle

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



604A49



594D40



3A5456



41515E



# Sweetspot

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



604A49



7D7574



60495F



403B3B



BFBFBF



404040



# Same Dimension

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



604A49



7D5A59



605549



302C2C



700500



F00A00



# Inverse Universe

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



495F60



597B7D



495460



2C3030



006B70



00E5F0



# Previews

## White Background



This preview shows how the Hex color 604A49 looks on a white background.

## Color Contrast Check

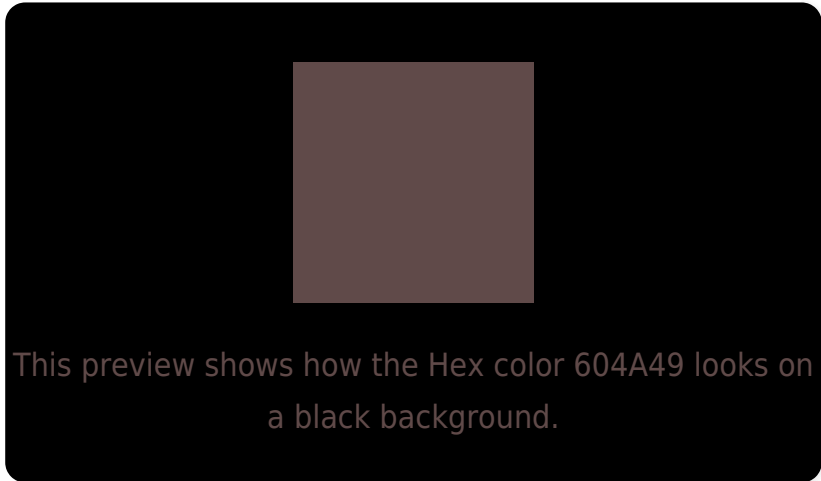
Large Text (above 18pt) WCAG AA ✓ Pass

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

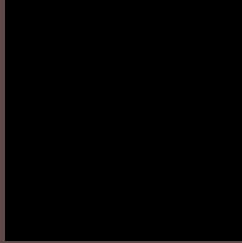
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 604A49 Background



This preview shows how black text looks on a background with the Hex color 604A49.

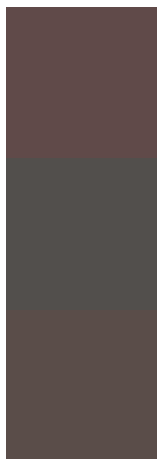


This preview shows how white text looks on a background with the Hex color 604A49.

# 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**  
604A49

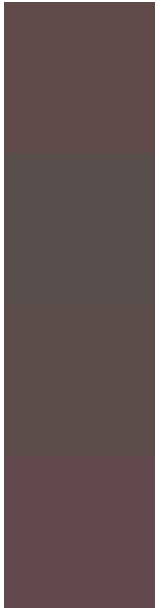
**Protanopia**  
524F4C

**Deuteranopia**  
5A4D49



**Tritanopia**  
61494F

# Trichromacy



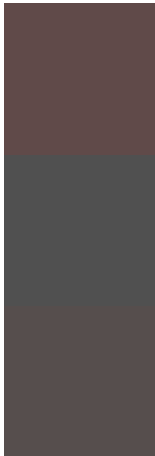
**Original Color**  
604A49

**Protanomaly**  
574D4B

**Deuteranomaly**  
5C4C49

**Tritanomaly**  
61494D

# Monochromacy



**Original Color**  
604A49

**Achromatopsia**  
505050

**Achromatomaly**  
564E4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 604A49 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 #604A49 looks like.

```
.text, #text, p{  
    color:#604A49  
}
```

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 #604A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604A49
}
```

## Border

The CSS property to change the border of an element to Hex 604A49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

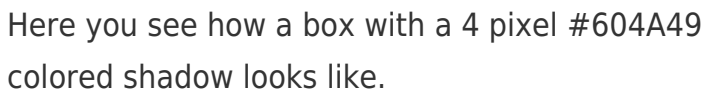
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604A49 }
```

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

```
.border{ border-color:#604A49 }
```

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



Here you see how a box with a 4 pixel #604A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604A49; -webkit-box-shadow:4px 4px  
4px 4px #604A49; box-shadow:4px 4px 4px  
4px #604A49 }
```

# Background

The CSS property to change the background color of an element to Hex 604A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604A49 }
```

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

```
.background{ background-color:#604A49 }
```

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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