

Converting Colors

Hex(604B48)

Have a look what the booklet for
Hex(604B48) contains.

Hex(604B48)	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(604B48)

Conversions

Conversions Part 1

Format	Color
Hex	604B48
RGB	96, 75, 72
RGB Percent	38%, 29%, 28%
CMY	0.6235, 0.7059, 0.7176
CMYK	0.00, 0.22, 0.25, 0.62
HSL	8°, 14%, 33%
HSV	8°, 25%, 38%
XYZ	8.5096, 7.9868, 7.2240
YIQ	80.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

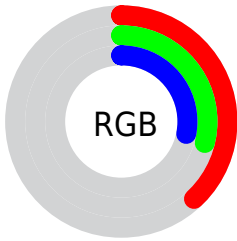
Format	Color
RYB	96, 75, 72
Decimal	6310728
CIELab	33.96, 8.36, 5.16
CIElCh	34, 9.822, 31.719
Yxy	7.9868, 0.3587, 0.3367
Android (android.graphics.Color)	4284500808 (0xFF604B48)
YUV	80.9370, -4.4059, 13.2103
Hunter-Lab	28.2610, 4.2913, 4.6271




Details

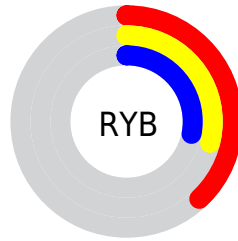
The Hex color **604B48** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485D60**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **937C78**, and **311F1D** is the 20% darker color. If you saturate the color by 10%, you get **60433E**, and if you desaturate by 10%, it is **605352**.

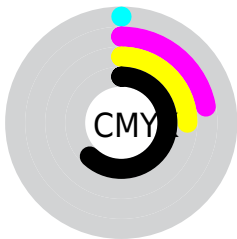
Distribution







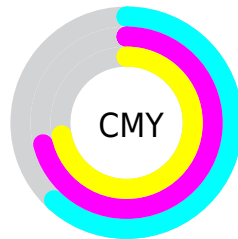
-  Red (38%)
-  Green (29%)
-  Blue (28%)






-  Red (38%)
-  Yellow (29%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (25%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (71%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 604B48 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 604B48 by changing the saturation by 10% instead.



604B48



604B48

FFFFFF



483432



937C78



311F1D



AE9692



1E0702



C9B0AD



000000



E5CCC8



FFE8E4



604B48



604B48



60433E



605352



603A35



605C5B

60322B

606465

602922

606D6E

602118

607578

60190E

607D82

601005

60868B

600C00

608E95

60979E

Harmonies

Analogous

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



5F4A50



604B48



5C4D42

Triad

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



604B48



445448



48505F

Complementary

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



604B48



485D60

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.



3F535D



604B48



3D5450

Square

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



604B48



4D5243



3B5458



524E5D

Rectangle

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



604B48



584F41



3B5458



44515F

Sweetspot

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



604B48



7D7473



60485D



403A39



BFBFBF



404040

Same Dimension

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



604B48



7D5C57



605748



302C2C



700E00



F01E00

Inverse Universe

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



485D60



57787D



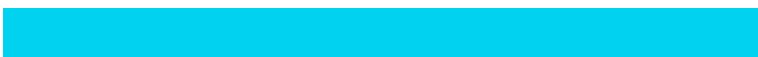
485160



2C3030



006270



00D2F0

Previews

White Background



This preview shows how the Hex color 604B48 looks on a white background.

Color Contrast Check

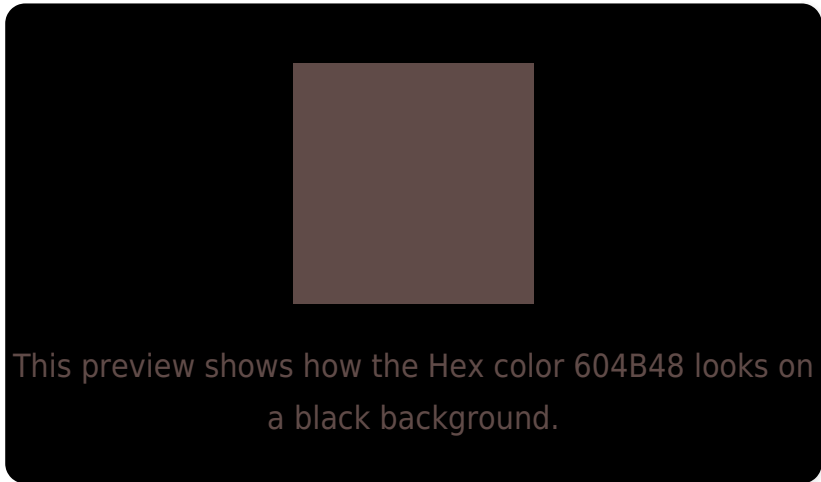
Large Text (above 18pt) WCAG AA ✓ Pass

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

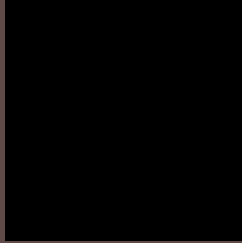
Any Text WCAG AA × Fail

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 604B48 Background



This preview shows how black text looks on a background with the Hex color 604B48.

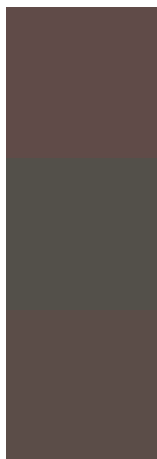


This preview shows how white text looks on a background with the Hex color 604B48.

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
604B48

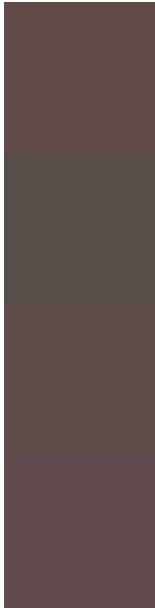
Protanopia
53504A

Deuteranopia
5B4D48



Tritanopia
614A50

Trichromacy



Original Color
604B48

Protanomaly
584E49

Deuteranomaly
5D4C48

Tritanomaly
614A4D

Monochromacy



Original Color
604B48

Achromatopsia
515151

Achromatomaly
564F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 604B48 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 #604B48 looks like.

```
.text, #text, p{  
    color:#604B48  
}
```

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 #604B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604B48
}
```

Border

The CSS property to change the border of an element to Hex 604B48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

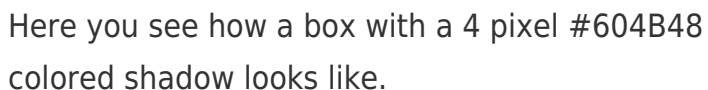
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604B48 }
```

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

```
.border{ border-color:#604B48 }
```

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



Here you see how a box with a 4 pixel #604B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604B48; -webkit-box-shadow:4px 4px  
4px 4px #604B48; box-shadow:4px 4px 4px  
4px #604B48 }
```

Background

The CSS property to change the background color of an element to Hex 604B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604B48 }
```

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

```
.background{ background-color:#604B48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor