

Converting Colors

Hex(604A45)

Have a look what the booklet for
Hex(604A45) contains.

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Color

Hex(604A45)

Conversions

Conversions Part 1

Format	Color
Hex	604A45
RGB	96, 74, 69
RGB Percent	38%, 29%, 27%
CMY	0.6235, 0.7098, 0.7294
CMYK	0.00, 0.23, 0.28, 0.62
HSL	11°, 16%, 32%
HSV	11°, 28%, 38%
XYZ	8.3468, 7.8140, 6.6986
YIQ	80.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

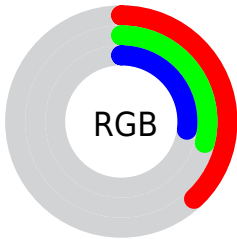
Format	Color
RYB	96, 75, 69
Decimal	6310469
CIELab	33.59, 8.48, 6.55
CIElCh	34, 10.719, 37.675
Yxy	7.8140, 0.3651, 0.3418
Android (android.graphics.Color)	4284500549 (0xFF604A45)
YUV	80.0080, -5.4269, 14.0250
Hunter-Lab	27.9536, 4.3806, 5.3598




Details

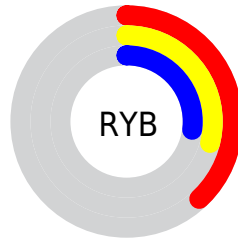
The Hex color **604A45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **455B60**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **937B75**, and **311E1A** is the 20% darker color. If you saturate the color by 10%, you get **60423B**, and if you desaturate by 10%, it is **60524F**.

Distribution







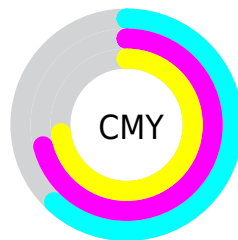
-  Red (38%)
-  Green (29%)
-  Blue (27%)






-  Red (38%)
-  Yellow (29%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (23%)
-  Yellow (28%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (71%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 604A45 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 604A45 by changing the saturation by 10% instead.

■ 604A45

■ 604A45

FFFFFF

■ 48332F

■ 937B75

■ 311E1A

■ AE958F

■ 1E0600

■ C9AFA9

■ 000000

■ E6CBC4

■ FFE7E0

FFFFFFD

■ 604A45

■ 604A45

■ 60423B

■ 60524F

■ 603A32

■ 605A58

■ 603328

■ 606162

■ 602B1F

■ 60696B

■ 602315

■ 607175

■ 601B0B

■ 60797F

■ 601302

■ 608188

■ 601200

■ 608992

■ 60909B

Harmonies

Analogous

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



60494D



604A45



5B4C40

Triad

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



604A45



405348



484F60

Complementary

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



604A45



455B60

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.



3E525E



604A45



3A5451

Square

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



604A45



4A5241



385359



534C5C

Rectangle

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



604A45



564E3E



385359



445060

Sweetspot

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



604A45



7D7573



60455B



403B39



BFBFBF



404040

Same Dimension

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



604A45



7D5A52



605745



302D2C



701500



F02C00

Inverse Universe

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



455B60



52757D



454E60



2C3030



005B70



00C3F0

Previews

White Background



This preview shows how the Hex color 604A45 looks on a white background.

Color Contrast Check

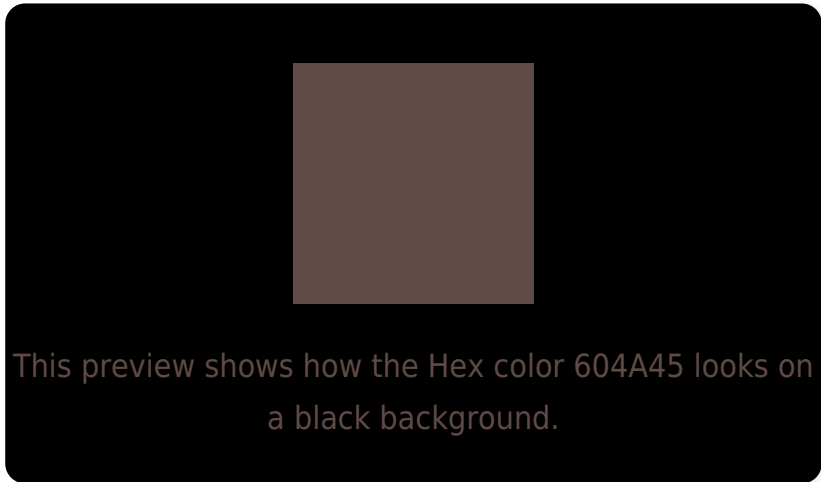
Large Text (above 18pt) WCAG AA ✓ Pass

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

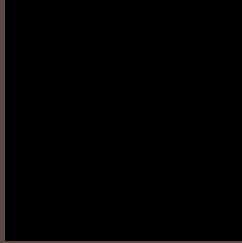
Any Text WCAG AA × Fail

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 604A45 Background



This preview shows how black text looks on a background with the Hex color 604A45.

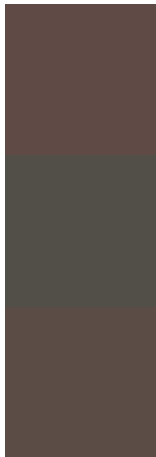


This preview shows how white text looks on a background with the Hex color 604A45.

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
604A45

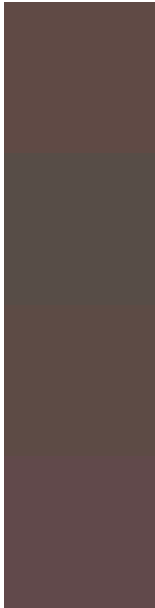
Protanopia
524F48

Deuteranopia
5B4C45



Tritanopia
61494E

Trichromacy



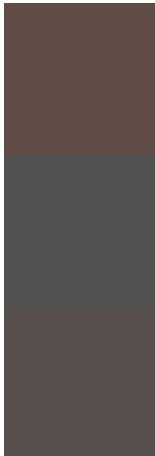
Original Color
604A45

Protanomaly
574D47

Deuteranomaly
5D4B45

Tritanomaly
61494B

Monochromacy



Original Color
604A45

Achromatopsia
505050

Achromatomaly
564E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 604A45 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 #604A45 looks like.

```
.text, #text, p{  
    color:#604A45  
}
```

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 #604A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604A45
}
```

Border

The CSS property to change the border of an element to Hex 604A45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

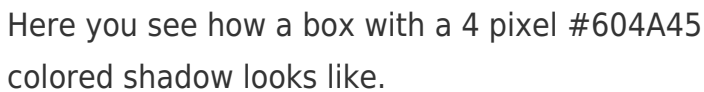
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604A45 }
```

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

```
.border{ border-color:#604A45 }
```

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



Here you see how a box with a 4 pixel #604A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604A45; -webkit-box-shadow:4px 4px  
4px 4px #604A45; box-shadow:4px 4px 4px  
4px #604A45 }
```

Background

The CSS property to change the background color of an element to Hex 604A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604A45 }
```

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

```
.background{ background-color:#604A45 }
```

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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