

Converting Colors

Hex(604D40)

Have a look what the booklet for
Hex(604D40) contains.

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Color

Hex(604D40)

Conversions

Conversions Part 1

Format	Color
Hex	604D40
RGB	96, 77, 64
RGB Percent	38%, 30%, 25%
CMY	0.6235, 0.6980, 0.7490
CMYK	0.00, 0.20, 0.33, 0.62
HSL	24°, 20%, 31%
HSV	24°, 33%, 38%
XYZ	8.4032, 8.1647, 5.9835
YIQ	81.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

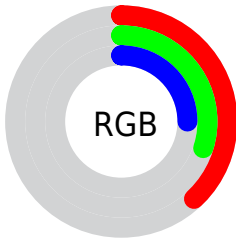
Format	Color
RYB	96, 86, 64
Decimal	6311232
CIELab	34.32, 5.83, 10.73
CIElCh	34, 12.210, 61.471
Yxy	8.1647, 0.3726, 0.3620
Android (android.graphics.Color)	4284501312 (0xFF604D40)
YUV	81.1990, -8.4791, 12.9805
Hunter-Lab	28.5740, 2.4896, 7.5861

Details

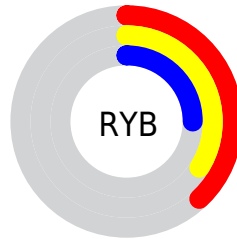
The Hex color **604D40** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **405360**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **937E70**, and **312115** is the 20% darker color. If you saturate the color by 10%, you get **604736**, and if you desaturate by 10%, it is **60534A**.

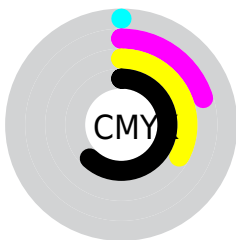
Distribution



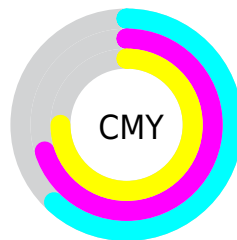
- Red (38%)
- Green (30%)
- Blue (25%)



- Red (38%)
- Yellow (34%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 604D40 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 604D40 by changing the saturation by 10% instead.

 604D40

 604D40

FFFFFF

 48362A

 937E70

 312115

 AE9889

 1D0B00

 CAB3A3

 000000

 E6CEBF

 FFEADA

 FFFFF7

 604D40

 604D40

 604736

 60534A

■ 60422D

■ 605853

■ 603C23

■ 605E5D

■ 60361A

■ 606466

■ 603010

■ 606A70

■ 602B06

■ 606F7A

■ 602700

■ 607583

■ 607B8D

■ 608096

Harmonies

Analogous

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



644B47



604D40



58503D

Triad

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



604D40



395651



534E61

Complementary

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



604D40



405360

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.



465164



604D40



36565A

Square

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



604D40



425547



3B5461



5E4B5A

Rectangle

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



604D40



51523F



3B5461



4F4F63

Sweetspot

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



604D40



7D7670



604053



403B38



BFBFBF



404040

Same Dimension

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



604D40



7D5F4B



605D40



302E2C



702E00



F06100

Inverse Universe

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



405360



4B697D



404360



2C2E30



004370



008EF0

Previews

White Background



This preview shows how the Hex color 604D40 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

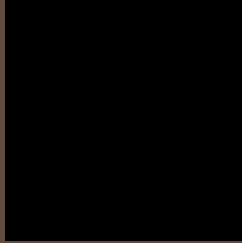
Any Text WCAG AA × Fail

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 604D40 Background



This preview shows how black text looks on a background with the Hex color 604D40.

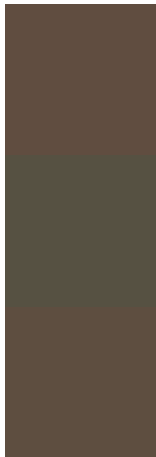


This preview shows how white text looks on a background with the Hex color 604D40.

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
604D40

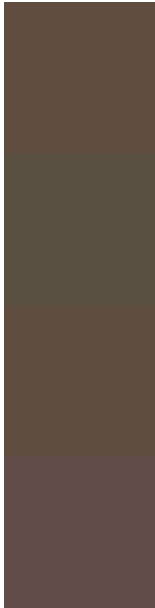
Protanopia
565142

Deuteranopia
5E4E40



Tritanopia
624B50

Trichromacy



Original Color
604D40

Protanomaly
5A5041

Deuteranomaly
5F4E40

Tritanomaly
614C4A

Monochromacy



Original Color
604D40

Achromatopsia
515151

Achromatomaly
56504B

CSS Examples

Text

The CSS property to change the color of the text to Hex 604D40 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 #604D40 looks like.

```
.text, #text, p{  
    color:#604D40  
}
```

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 #604D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604D40
}
```

Border

The CSS property to change the border of an element to Hex 604D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

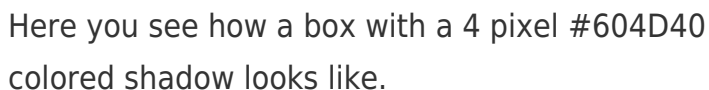
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604D40 }
```

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

```
.border{ border-color:#604D40 }
```

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



Here you see how a box with a 4 pixel #604D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604D40; -webkit-box-shadow:4px 4px  
4px 4px #604D40; box-shadow:4px 4px 4px  
4px #604D40 }
```

Background

The CSS property to change the background color of an element to Hex 604D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604D40 }
```

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

```
.background{ background-color:#604D40 }
```

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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