

Converting Colors

Hex(00604C)

Have a look what the booklet for
Hex(00604C) contains.

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Color

Hex(00604C)

Conversions

Conversions Part 1

Format	Color
Hex	00604C
RGB	0, 96, 76
RGB Percent	0%, 38%, 30%
CMY	1.0000, 0.6235, 0.7020
CMYK	1.00, 0.00, 0.21, 0.62
HSL	168°, 100%, 19%
HSV	168°, 100%, 38%
XYZ	5.4874, 8.8875, 8.2637
YIQ	65.0160, -50.7960, -26.5720

Conversions

Conversions Part 2

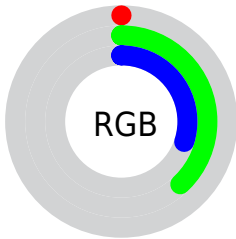
Format	Color
RYB	0, 54, 96
Decimal	24652
CIELab	35.77, -29.89, 4.58
CIELCh	36, 30.235, 171.296
Yxy	8.8875, 0.2424, 0.3926
Android (android.graphics.Color)	4278214732 (0xFF00604C)
YUV	65.0160, 5.4151, -57.0190
Hunter-Lab	29.8120, -19.3152, 4.4335

Details

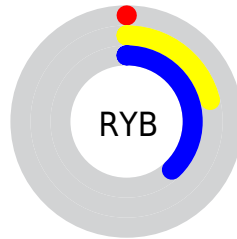
The Hex color **00604C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **600014**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **45937D**, and **003120** is the 20% darker color. If you saturate the color by 10%, you get **00604C**, and if you desaturate by 10%, it is **0A604E**.

Distribution



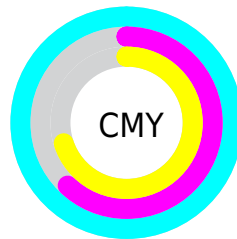
- Red (0%)
- Green (38%)
- Blue (30%)



- Red (0%)
- Yellow (21%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00604C 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 00604C by changing the saturation by 10% instead.

 00604C

 00604C

FFFFFF

 004835

 45937D

 003120

 60AE97

 001D09

 7BCAB1

 000000

 96E6CD

 B2FFE9

 CFFFFFF

 ECFFFF

 00604C

■ 0A604E

■ 136050

■ 1D6052

■ 266054

■ 306056

■ 3A6058

■ 43605A

■ 4D605C

■ 56605E

Harmonies

Analogous

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



355D35



00604C



006065

Triad

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



00604C



4B5181



7A472F

Complementary

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



00604C



600014

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.



824144



00604C



6B4773

Square

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



00604C



125984



7D405C



695023

Rectangle

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



00604C



005F73



7D405C



7E4535

Sweetspot

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



00604C



577D75



156000



29403B



BFBFBF



404040

Same Dimension

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



00604C



007D63



004560



2C302F



007059



00F0BE

Inverse Universe

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



600014



7D001A



601B00



302C2D



700017



F00032

Previews

White Background



This preview shows how the Hex color 00604C looks on a white background.

Color Contrast Check

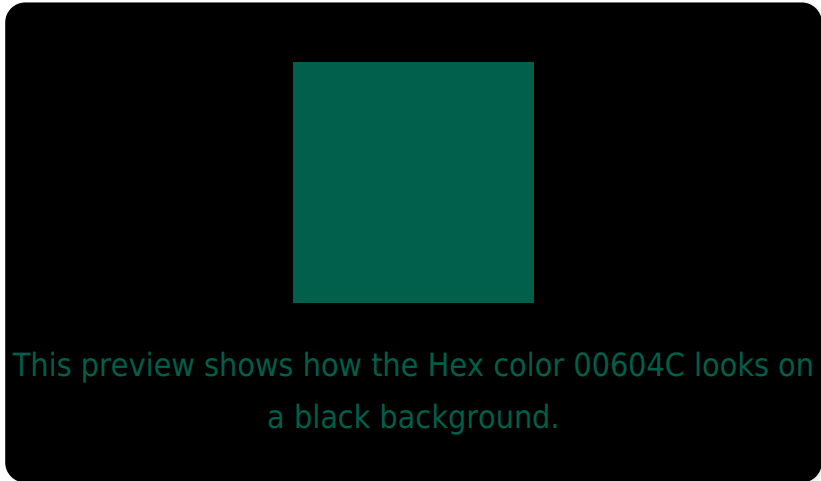
Large Text (above 18pt) WCAG AA ✓ Pass

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

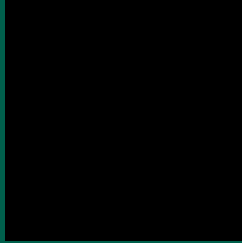
Any Text WCAG AA × Fail

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 00604C Background



This preview shows how black text looks on a background with the Hex color 00604C.



This preview shows how white text looks on a background with the Hex color 00604C.

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
00604C

Protanopia
595446

Deuteranopia
5E514F



Tritanopia
1D5D64

Trichromacy



Original Color
00604C

Protanomaly
395848

Deuteranomaly
3C564E

Tritanomaly
125E5B

Monochromacy



Original Color
00604C

Achromatopsia
414141

Achromatomaly
294C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 00604C 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 #00604C looks like.

```
.text, #text, p{  
    color:#00604C  
}
```

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 #00604C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00604C
}
```

Border

The CSS property to change the border of an element to Hex 00604C 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
#00604C }
```

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

```
.border{ border-color:#00604C }
```

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

Here you see how a box with a 4 pixel #00604C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00604C; -webkit-box-shadow:4px 4px  
4px 4px #00604C; box-shadow:4px 4px 4px  
4px #00604C }
```

Background

The CSS property to change the background color of an element to Hex 00604C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00604C }
```

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

```
.background{ background-color:#00604C }
```

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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