

# Converting Colors

Hex(00624C)

Have a look what the booklet for  
Hex(00624C) contains.

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# Color

Hex(00624C)

# Conversions

## Conversions Part 1

Format	Color
Hex	00624C
RGB	0, 98, 76
RGB Percent	0%, 38%, 30%
CMY	1.0000, 0.6157, 0.7020
CMYK	1.00, 0.00, 0.22, 0.62
HSL	167°, 100%, 19%
HSV	167°, 100%, 38%
XYZ	5.6722, 9.2572, 8.3253
YIQ	66.1900, -51.3460, -27.6180

# Conversions

## Conversions Part 2

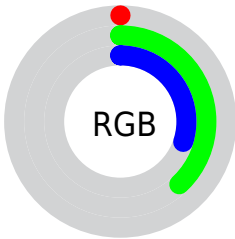
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 55, 98
Decimal	25164
CIELab	36.47, -30.79, 5.59
CIELCh	36, 31.295, 169.717
Yxy	9.2572, 0.2439, 0.3981
Android (android.graphics.Color)	4278215244 (0xFF00624C)
YUV	66.1900, 4.8363, -58.0486
Hunter-Lab	30.4256, -19.9674, 5.0744

# Details

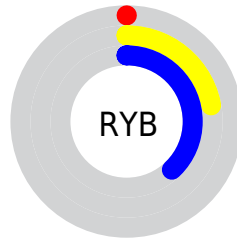
The Hex color **00624C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **620016**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **45957D**, and **003220** is the 20% darker color. If you saturate the color by 10%, you get **00624C**, and if you desaturate by 10%, it is **0A624E**.

# Distribution



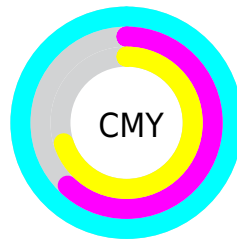
- Red (0%)
- Green (38%)
- Blue (30%)



- Red (0%)
- Yellow (22%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (62%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00624C 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 00624C by changing the saturation by 10% instead.



 00624C

 00624C

FFFFFF

 004A35

 45957D

 003220

 60B097

 001F09

 7CCCB1

 000000

 97E8CD

 B3FFE9

 D0FFFF

 EDFFFF

 00624C

■ 0A624E

■ 146250

■ 1D6253

■ 276255

■ 316257

■ 3B6259

■ 45625B

■ 4E625E

■ 586260

# Harmonies

## Analogous

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



375F34



00624C



006266

# Triad

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



00624C



4A5385



7D4830

# Complementary

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



00624C



620016

# 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.



854146



00624C



6C4977

# Square

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



00624C



045B87



804160



6C5123

# Rectangle

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



00624C



006175



804160



814537



# Sweetspot

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



00624C



598077



176200



29403B



BFBFBF



404040



# Same Dimension

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



00624C



008063



004862



2C302F



007057



00F0BA



# Inverse Universe

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



620016



80001D



621A00



302C2D



700019



F00036



# Previews

## White Background



This preview shows how the Hex color 00624C looks on a white background.

### Color Contrast Check

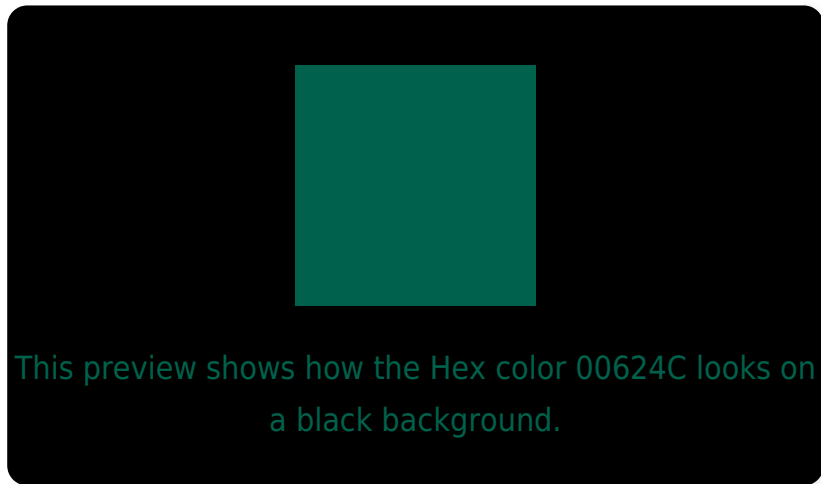
Large Text (above 18pt) WCAG AA ✓ Pass

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

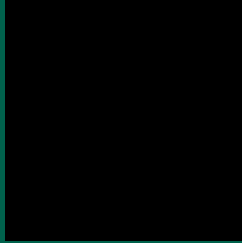
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00624C Background



This preview shows how black text looks on a background with the Hex color 00624C.



This preview shows how white text looks on a background with the Hex color 00624C.

# 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**  
00624C

**Protanopia**  
5B5646

**Deuteranopia**  
61534F



**Tritanopia**  
1E5E66

# Trichromacy



**Original Color**  
00624C



**Protanomaly**  
3A5A48



**Deuteranomaly**  
3E584E



**Tritanomaly**  
135F5D

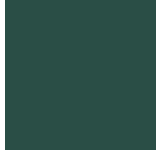
# Monochromacy



**Original Color**  
00624C



**Achromatopsia**  
424242



**Achromatomaly**  
2A4E46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00624C 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 #00624C looks like.

```
.text, #text, p{  
    color:#00624C  
}
```

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 #00624C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00624C
}
```

## Border

The CSS property to change the border of an element to Hex 00624C 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
#00624C }
```

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

```
.border{ border-color:#00624C }
```

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

Here you see how a box with a 4 pixel #00624C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00624C; -webkit-box-shadow:4px 4px  
4px 4px #00624C; box-shadow:4px 4px 4px  
4px #00624C }
```

# Background

The CSS property to change the background color of an element to Hex 00624C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00624C }
```

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

```
.background{ background-color:#00624C }
```

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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