

Converting Colors

Hex(02524B)

Have a look what the booklet for
Hex(02524B) contains.

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Color

Hex(02524B)

Conversions

Conversions Part 1

Format	Color
Hex	02524B
RGB	2, 82, 75
RGB Percent	1%, 32%, 29%
CMY	0.9922, 0.6784, 0.7059
CMYK	0.98, 0.00, 0.09, 0.68
HSL	175°, 95%, 16%
HSV	175°, 98%, 32%
XYZ	4.3123, 6.5555, 7.6947
YIQ	57.2820, -45.4330, -19.1370

Conversions

Conversions Part 2

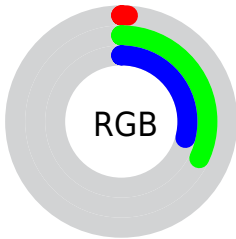
Format	Color
R _Y B	2, 44, 82
Decimal	152139
CIE Lab	30.77, -23.28, -2.04
CIE LCh	31, 23.365, 185.021
Yxy	6.5555, 0.2323, 0.3532
Android (android.graphics.Color)	4278342219 (0xFF02524B)
YUV	57.2820, 8.7350, -48.4823
Hunter-Lab	25.6037, -14.7424, 0.1042

Details

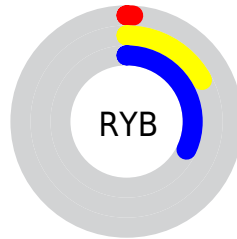
The Hex color **02524B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **520209**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **42847C**, and **00251F** is the 20% darker color. If you saturate the color by 10%, you get **00524B**, and if you desaturate by 10%, it is **0A524C**.

Distribution



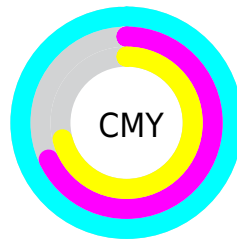
- Red (1%)
- Green (32%)
- Blue (29%)



- Red (1%)
- Yellow (17%)
- Blue (32%)



- Cyan (98%)
- Magenta (0%)
- Yellow (9%)
- Black (68%)



- Cyan (99%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02524B 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 02524B by changing the saturation by 10% instead.

 02524B

 02524B

FFFFFF

 003B34

 42847C

 00251F

 5C9E95

 000608

 77B9B0

 000000

 92D5CC

 ADF2E8

 C9FFFF

 E6FFFF

 02524B

 02524B

■ 00524B

■ 0A524C

■ 12524C

■ 1B524D

■ 23524E

■ 2B524F

■ 33524F

■ 3B5250

■ 445251

■ 4C5251

Harmonies

Analogous

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



275138



02524B



00515D

Triad

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



02524B



4E4366



604228

Complementary

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



02524B



520209

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.



6A3C34



02524B



623C58

Square

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



02524B



31496D



6B3A46



514823

Rectangle

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



02524B



005066



6B3A46



64402B

Sweetspot

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



02524B



4C6B68



0A5202



233634



B5B5B5



363636

Same Dimension

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



02524B



006B62



023252



252928



00695F



00E8D4

Inverse Universe

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



520209



6B0009



522202



292525



690009



E80014

Previews

White Background



This preview shows how the Hex color 02524B looks on a white background.

Color Contrast Check

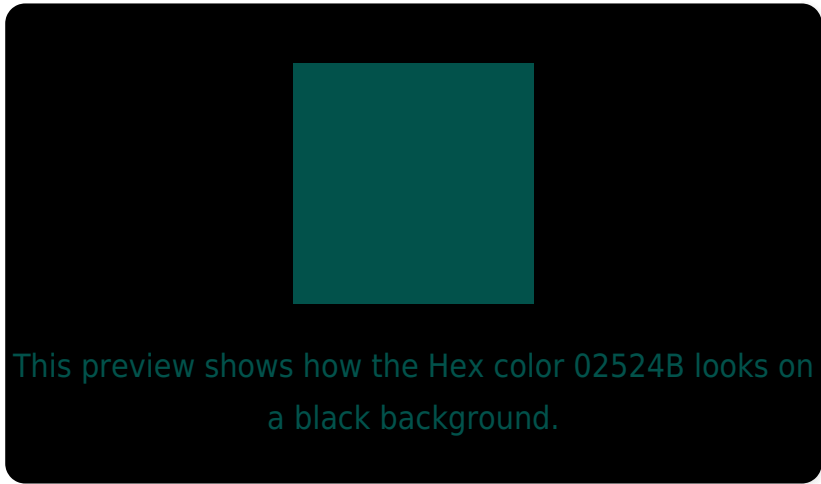
Large Text (above 18pt) WCAG AA ✓ Pass

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

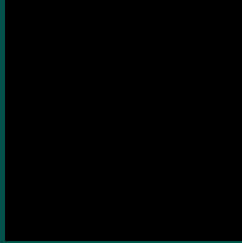
Any Text WCAG AA × Fail

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 02524B Background



This preview shows how black text looks on a background with the Hex color 02524B.



This preview shows how white text looks on a background with the Hex color 02524B.

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
02524B

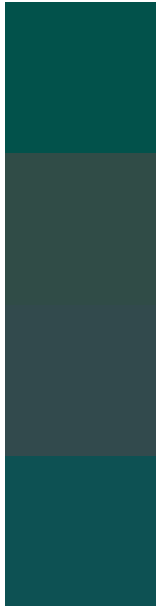
Protanopia
4B4845

Deuteranopia
4D464E



Tritanopia
145057

Trichromacy



Original Color
02524B

Protanomaly
304C47

Deuteranomaly
324A4D

Tritanomaly
0D5153

Monochromacy



Original Color
02524B

Achromatopsia
393939

Achromatomaly
254240

CSS Examples

Text

The CSS property to change the color of the text to Hex 02524B 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 #02524B looks like.

```
.text, #text, p{  
    color:#02524B  
}
```

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 #02524B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02524B
}
```

Border

The CSS property to change the border of an element to Hex 02524B 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
#02524B }
```

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

```
.border{ border-color:#02524B }
```

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

Here you see how a box with a 4 pixel #02524B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02524B; -webkit-box-shadow:4px 4px  
4px 4px #02524B; box-shadow:4px 4px 4px  
4px #02524B }
```

Background

The CSS property to change the background color of an element to Hex 02524B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02524B }
```

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

```
.background{ background-color:#02524B }
```

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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