

Converting Colors

Hex(05524B)

Have a look what the booklet for
Hex(05524B) contains.

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Color

Hex(05524B)

Conversions

Conversions Part 1

Format	Color
Hex	05524B
RGB	5, 82, 75
RGB Percent	2%, 32%, 29%
CMY	0.9804, 0.6784, 0.7059
CMYK	0.94, 0.00, 0.09, 0.68
HSL	175°, 89%, 17%
HSV	175°, 94%, 32%
XYZ	4.3499, 6.5749, 7.6964
YIQ	58.1790, -43.6450, -18.5010

Conversions

Conversions Part 2

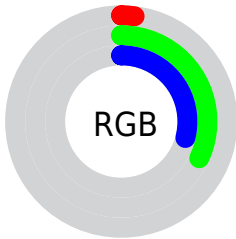
Format	Color
R_YB	5, 45, 82
Decimal	348747
CIE _{Lab}	30.82, -22.96, -1.97
CIE _{LCh}	31, 23.042, 184.909
Yxy	6.5749, 0.2336, 0.3531
Android (android.graphics.Color)	4278538827 (0xFF05524B)
YUV	58.1790, 8.2928, -46.6380
Hunter-Lab	25.6415, -14.5914, 0.1528

Details

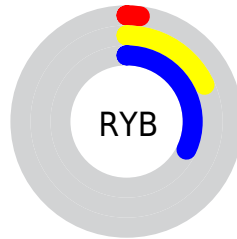
The Hex color **05524B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52050C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **43847C**, 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 **0D524C**.

Distribution



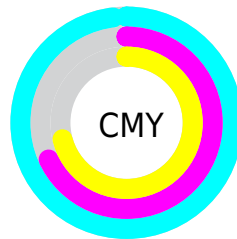
- Red (2%)
- Green (32%)
- Blue (29%)



- Red (2%)
- Yellow (18%)
- Blue (32%)



- Cyan (94%)
- Magenta (0%)
- Yellow (9%)
- Black (68%)



- Cyan (98%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05524B 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 05524B by changing the saturation by 10% instead.

05524B

05524B

FFFFFF

003B34

43847C

00251F

5D9E95

000608

78B9B0

000000

93D5CC

AEF2E8

CBFFFF

E7FFFF

05524B

05524B

■ 00524B

■ 0D524C

■ 15524C

■ 1E524D

■ 26524E

■ 2E524F

■ 36524F

■ 3E5250

■ 475251

■ 4F5252

Harmonies

Analogous

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



275139



05524B



00515D

Triad

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



05524B



4E4366



604228

Complementary

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



05524B



52050C

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.



6A3C35



05524B



613D58

Square

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



05524B



32496C



6B3A46



514824

Rectangle

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



05524B



005065



6B3A46



64402C

Sweetspot

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



05524B



4D6B68



0D5205



233634



B5B5B5



363636

Same Dimension

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



05524B



006B61



053352



252928



00695F



00E8D3

Inverse Universe

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



52050C



6B000A



522405



292525



69000A



E80015

Previews

White Background



This preview shows how the Hex color 05524B looks on a white background.

Color Contrast Check

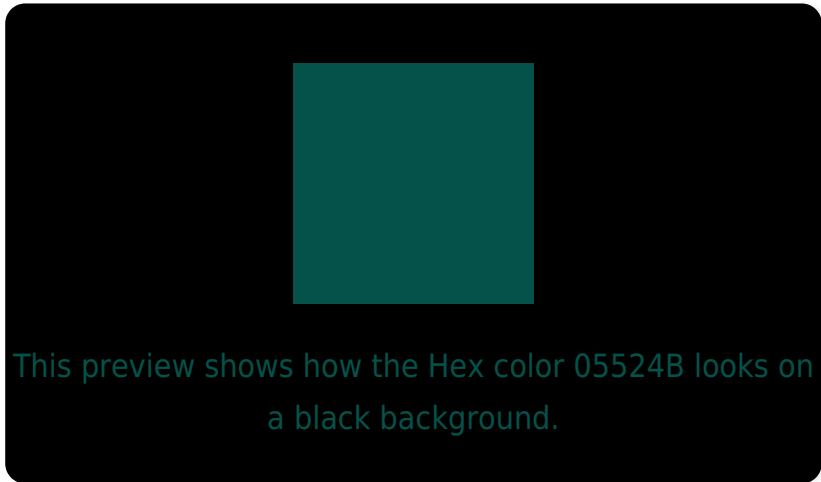
Large Text (above 18pt) WCAG AA ✓ Pass

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

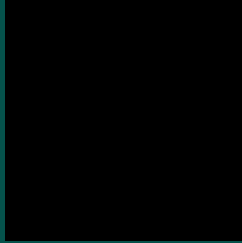
Any Text WCAG AA × Fail

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 05524B Background



This preview shows how black text looks on a background with the Hex color 05524B.



This preview shows how white text looks on a background with the Hex color 05524B.

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
05524B

Protanopia
4B4845

Deuteranopia
4D474E



Tritanopia
155057

Trichromacy



Original Color
05524B

Protanomaly
324C47

Deuteranomaly
334B4D

Tritanomaly
0F5153

Monochromacy



Original Color
05524B

Achromatopsia
3A3A3A

Achromatomaly
274340

CSS Examples

Text

The CSS property to change the color of the text to Hex 05524B 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 #05524B looks like.

```
.text, #text, p{  
    color:#05524B  
}
```

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 #05524B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05524B
}
```

Border

The CSS property to change the border of an element to Hex 05524B 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
#05524B }
```

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

```
.border{ border-color:#05524B }
```

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

Here you see how a box with a 4 pixel #05524B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05524B; -webkit-box-shadow:4px 4px  
4px 4px #05524B; box-shadow:4px 4px 4px  
4px #05524B }
```

Background

The CSS property to change the background color of an element to Hex 05524B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05524B }
```

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

```
.background{ background-color:#05524B }
```

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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