

# Converting Colors

Hex(05504B)

Have a look what the booklet for  
Hex(05504B) contains.

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# Color

**Hex(05504B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05504B
RGB	5, 80, 75
RGB Percent	2%, 31%, 29%
CMY	0.9804, 0.6863, 0.7059
CMYK	0.94, 0.00, 0.06, 0.69
HSL	176°, 88%, 17%
HSV	176°, 94%, 31%
XYZ	4.2012, 6.2776, 7.6469
YIQ	57.0050, -43.0950, -17.4550

# Conversions

## Conversions Part 2

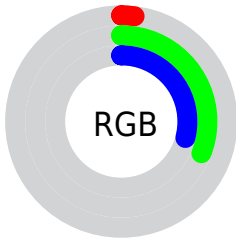
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 44, 80
Decimal	348235
CIE <sub>Lab</sub>	30.10, -21.93, -3.03
CIE <sub>LCh</sub>	30, 22.138, 187.865
Yxy	6.2776, 0.2318, 0.3463
Android (android.graphics.Color)	4278538315 (0xFF05504B)
YUV	57.0050, 8.8715, -45.6084
Hunter-Lab	25.0551, -13.9155, -0.5569

# Details

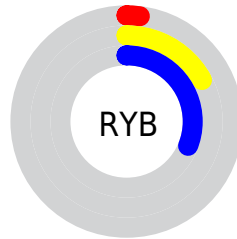
The Hex color **05504B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **50050A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **42827C**, and **00231F** is the 20% darker color. If you saturate the color by 10%, you get **00504B**, and if you desaturate by 10%, it is **0D504C**.

# Distribution



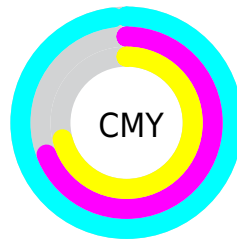
- Red (2%)
- Green (31%)
- Blue (29%)



- Red (2%)
- Yellow (17%)
- Blue (31%)



- Cyan (94%)
- Magenta (0%)
- Yellow (6%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05504B 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 05504B by changing the saturation by 10% instead.



05504B

05504B

FFFFFF

003934

42827C

00231F

5D9C95

000108

77B7B0

000000

92D3CC

AEEFE8

CAFFFF

E7FFFF

05504B

05504B

■ 00504B

■ 0D504C

■ 15504C

■ 1D504D

■ 25504D

■ 2D504E

■ 35504E

■ 3D504F

■ 45504F

■ 4D5050

# Harmonies

## Analogous

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



254F39



05504B



004F5B

# Triad

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



05504B



4F4162



5D4127

# Complementary

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



05504B



50050A

# 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.



663C33



05504B



603B54

# Square

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



05504B



354769



683943



4E4724

# Rectangle

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



05504B



014D64



683943



603F2A



# Sweetspot

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



05504B



4B6967



0A5005



233634



B5B5B5



363636



# Same Dimension

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



05504B



006962



053050



252929



00E8D9

# Inverse Universe

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



50050A



690007



502605



292525



E8000F

# Previews

## White Background



This preview shows how the Hex color 05504B looks on a white background.

## Color Contrast Check

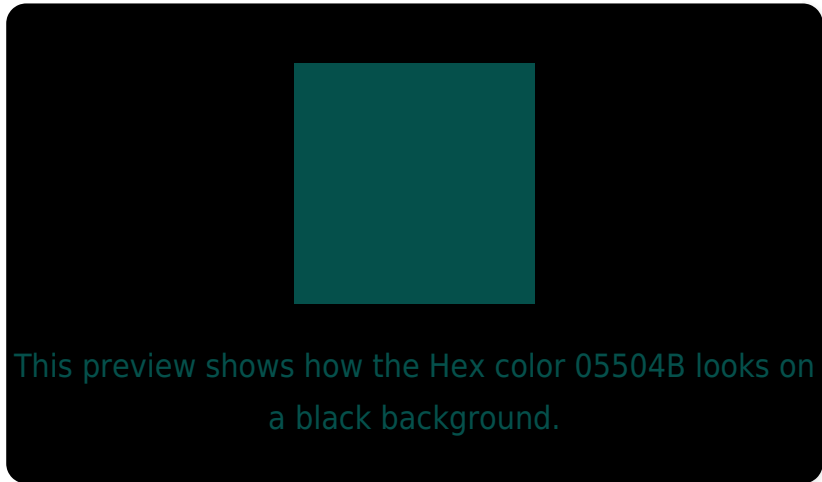
Large Text (above 18pt) WCAG AA ✓ Pass

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

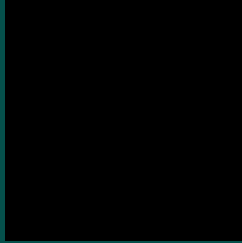
Any Text WCAG AA × Fail

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 05504B Background



This preview shows how black text looks on a background with the Hex color 05504B.



This preview shows how white text looks on a background with the Hex color 05504B.

# 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**  
05504B

**Protanopia**  
494746

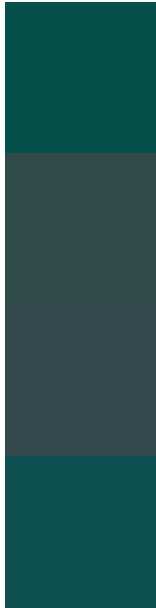
**Deuteranopia**  
4B454D





**Tritanopia**  
134F55

# Trichromacy



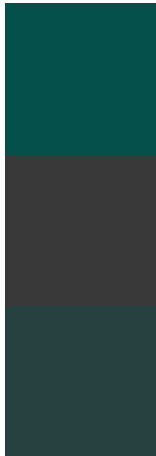
**Original Color**  
05504B

**Protanomaly**  
304A48

**Deuteranomaly**  
32494C

**Tritanomaly**  
0E4F51

# Monochromacy



**Original Color**  
05504B

**Achromatopsia**  
393939

**Achromatomaly**  
264140

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05504B 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 #05504B looks like.

```
.text, #text, p{  
    color:#05504B  
}
```

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 #05504B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05504B
}
```

## Border

The CSS property to change the border of an element to Hex 05504B 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
#05504B }
```

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

```
.border{ border-color:#05504B }
```

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

Here you see how a box with a 4 pixel #05504B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05504B; -webkit-box-shadow:4px 4px  
4px 4px #05504B; box-shadow:4px 4px 4px  
4px #05504B }
```

# Background

The CSS property to change the background color of an element to Hex 05504B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05504B }
```

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

```
.background{ background-color:#05504B }
```

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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