

Converting Colors

Hex(00564B)

Have a look what the booklet for
Hex(00564B) contains.

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Color

Hex(00564B)

Conversions

Conversions Part 1

Format	Color
Hex	00564B
RGB	0, 86, 75
RGB Percent	0%, 34%, 29%
CMY	1.0000, 0.6627, 0.7059
CMYK	1.00, 0.00, 0.13, 0.66
HSL	172°, 100%, 17%
HSV	172°, 100%, 34%
XYZ	4.5978, 7.1636, 7.7970
YIQ	59.0320, -47.7250, -21.6530

Conversions

Conversions Part 2

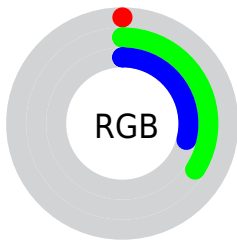
Format	Color
RYB	0, 46, 86
Decimal	22091
CIELab	32.18, -25.47, 0.01
CIELCh	32, 25.474, 179.977
Yxy	7.1636, 0.2351, 0.3663
Android (android.graphics.Color)	4278212171 (0xFF00564B)
YUV	59.0320, 7.8722, -51.7711
Hunter-Lab	26.7649, -16.1750, 1.4634

Details

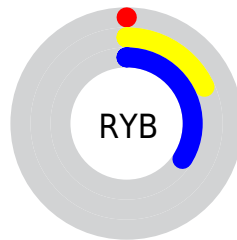
The Hex color **00564B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **56000B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **42887C**, and **00281F** is the 20% darker color. If you saturate the color by 10%, you get **00564B**, and if you desaturate by 10%, it is **09564C**.

Distribution



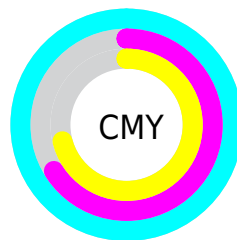
- Red (0%)
- Green (34%)
- Blue (29%)



- Red (0%)
- Yellow (18%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00564B 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 00564B by changing the saturation by 10% instead.

 00564B

 00564B


FFFFFF

 003E34

 42887C

 00281F

 5CA395

 000F07

 77BEB0

 000000

 92DACC

 AEF7E8

 CAFFFF

 E7FFFF

 00564B

■ 09564C

■ 11564D

■ 1A564E

■ 22564F

■ 2B5651

■ 345652

■ 3C5653

■ 455654

■ 4D5655

Harmonies

Analogous

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



2B5437



00564B



00565F

Triad

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



00564B



4D466E



684329

Complementary

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



00564B



56000B

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.



713D39



00564B



653F60

Square

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



00564B



2B4E74



703B4C



584B23

Rectangle

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



00564B



00546A



703B4C



6C412E

Sweetspot

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



00564B



4F706C



0B5600



243836



B8B8B8



383838

Same Dimension

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



00564B



007062



003656



272B2B



006B5D



00EBCD

Inverse Universe

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



56000B



70000E



562000



2B2728



6B000E



EB001E

Previews

White Background



This preview shows how the Hex color 00564B looks on a white background.

Color Contrast Check

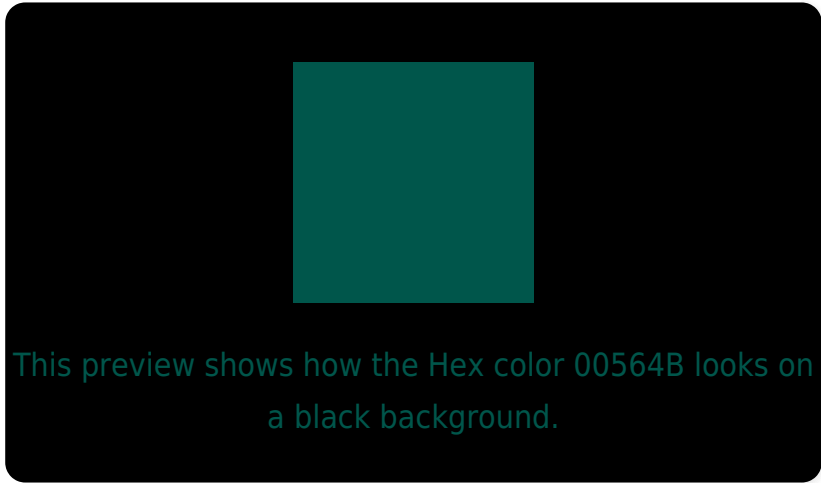
Large Text (above 18pt) WCAG AA ✓ Pass

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

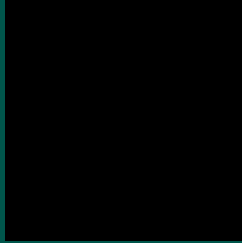
Any Text WCAG AA × Fail

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 00564B Background



This preview shows how black text looks on a background with the Hex color 00564B.



This preview shows how white text looks on a background with the Hex color 00564B.

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
00564B

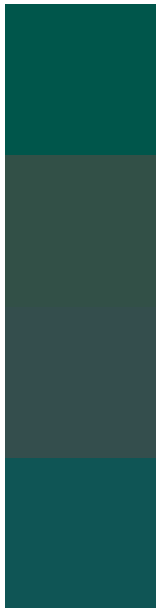
Protanopia
4F4C45

Deuteranopia
524A4E



Tritanopia
17545B

Trichromacy



Original Color
00564B

Protanomaly
325047

Deuteranomaly
344E4D

Tritanomaly
0F5555

Monochromacy



Original Color
00564B

Achromatopsia
3B3B3B

Achromatomaly
264541

CSS Examples

Text

The CSS property to change the color of the text to Hex 00564B 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 #00564B looks like.

```
.text, #text, p{  
    color:#00564B  
}
```

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 #00564B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00564B
}
```

Border

The CSS property to change the border of an element to Hex 00564B 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
#00564B }
```

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

```
.border{ border-color:#00564B }
```

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

Here you see how a box with a 4 pixel #00564B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00564B; -webkit-box-shadow:4px 4px  
4px 4px #00564B; box-shadow:4px 4px 4px  
4px #00564B }
```

Background

The CSS property to change the background color of an element to Hex 00564B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00564B }
```

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

```
.background{ background-color:#00564B }
```

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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