

Converting Colors

Hex(00574D)

Have a look what the booklet for
Hex(00574D) contains.

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Color

Hex(00574D)

Conversions

Conversions Part 1

Format	Color
Hex	00574D
RGB	0, 87, 77
RGB Percent	0%, 34%, 30%
CMY	1.0000, 0.6588, 0.6980
CMYK	1.00, 0.00, 0.11, 0.66
HSL	173°, 100%, 17%
HSV	173°, 100%, 34%
XYZ	4.7477, 7.3522, 8.1901
YIQ	59.8470, -48.6420, -21.5540

Conversions

Conversions Part 2

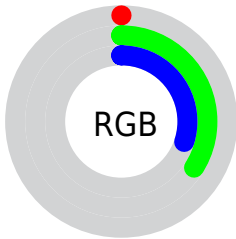
Format	Color
RYB	0, 46, 87
Decimal	22349
CIELab	32.60, -25.32, -0.64
CIELCh	33, 25.330, 181.447
Yxy	7.3522, 0.2340, 0.3624
Android (android.graphics.Color)	4278212429 (0xFF00574D)
YUV	59.8470, 8.4564, -52.4858
Hunter-Lab	27.1150, -16.1964, 1.0720

Details

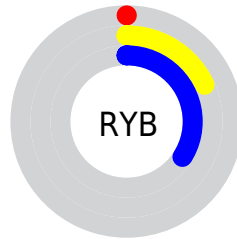
The Hex color **00574D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57000A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **42897E**, and **002921** is the 20% darker color. If you saturate the color by 10%, you get **00574D**, and if you desaturate by 10%, it is **09574E**.

Distribution



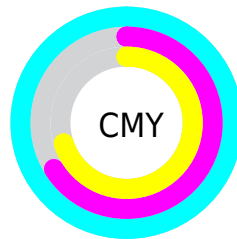
- Red (0%)
- Green (34%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00574D 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 00574D by changing the saturation by 10% instead.

 00574D

 00574D

FFFFFF

 003F36

 42897E

 002921

 5DA498

 00110B

 78BFB2

 000000

 93DBCE

 AFF8EA

 CBFFFF

 E8FFFF

 00574D

■ 09574E

■ 11574F

■ 1A5750

■ 235751

■ 2C5752

■ 345753

■ 3D5754

■ 465755

■ 4E5756

Harmonies

Analogous

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



2B5539



00574D



005761

Triad

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



00574D



50476F



68452A

Complementary

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



00574D



57000A

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.



723F39



00574D



664060

Square

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



00574D



2E4E74



723C4C



584C24

Rectangle

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



00574D



00556B



723C4C



6C422E

Sweetspot

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



00574D



4F706C



0A5700



243836



B8B8B8



383838

Same Dimension

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



00574D



007063



003657



272B2B



006B5F



00EBD0

Inverse Universe

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



57000A



70000D



572100



2B2728



6B000C



EB001B

Previews

White Background



This preview shows how the Hex color 00574D looks on a white background.

Color Contrast Check

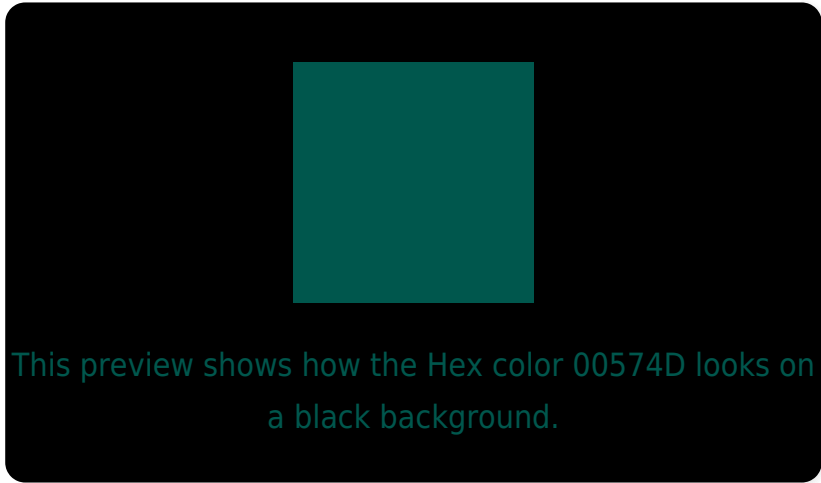
Large Text (above 18pt) WCAG AA ✓ Pass

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

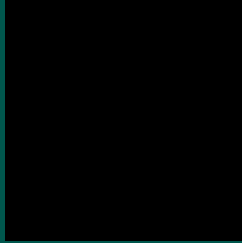
Any Text WCAG AA × Fail

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 00574D Background



This preview shows how black text looks on a background with the Hex color 00574D.

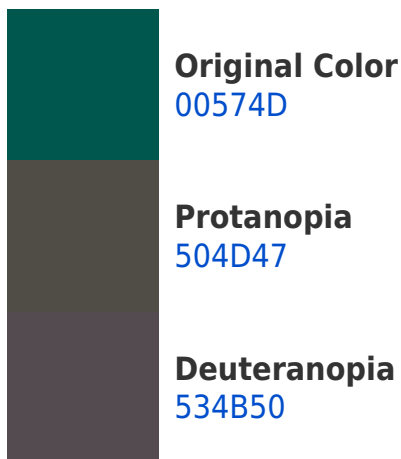



This preview shows how white text looks on a background with the Hex color 00574D.

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](#).

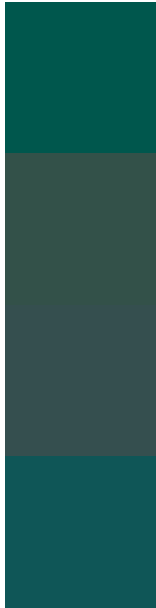
Dichromacy





Tritanopia
17555C

Trichromacy



Original Color
00574D

Protanomaly
335149

Deuteranomaly
354F4F

Tritanomaly
0F5657

Monochromacy



Original Color
00574D

Achromatopsia
3C3C3C

Achromatomaly
264642

CSS Examples

Text

The CSS property to change the color of the text to Hex 00574D 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 #00574D looks like.

```
.text, #text, p{  
    color:#00574D  
}
```

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 #00574D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00574D
}
```

Border

The CSS property to change the border of an element to Hex 00574D 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
#00574D }
```

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

```
.border{ border-color:#00574D }
```

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

Here you see how a box with a 4 pixel #00574D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00574D; -webkit-box-shadow:4px 4px  
4px 4px #00574D; box-shadow:4px 4px 4px  
4px #00574D }
```

Background

The CSS property to change the background color of an element to Hex 00574D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00574D }
```

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

```
.background{ background-color:#00574D }
```

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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