

# Converting Colors

Hex(00504D)

Have a look what the booklet for  
Hex(00504D) contains.

<b>Hex(00504D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(00504D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00504D
RGB	0, 80, 77
RGB Percent	0%, 31%, 30%
CMY	1.0000, 0.6863, 0.6980
CMYK	1.00, 0.00, 0.04, 0.69
HSL	178°, 100%, 16%
HSV	178°, 100%, 31%
XYZ	4.2082, 6.2731, 8.0102
YIQ	55.7380, -46.7170, -17.8930

# Conversions

## Conversions Part 2

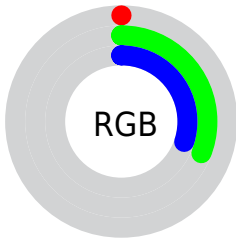
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 41, 80
Decimal	20557
CIELab	30.09, -21.79, -4.33
CIELCh	30, 22.212, 191.254
Yxy	6.2731, 0.2276, 0.3392
Android (android.graphics.Color)	4278210637 (0xFF00504D)
YUV	55.7380, 10.4822, -48.8822
Hunter-Lab	25.0462, -13.8397, -1.4296

# Details

The Hex color **00504D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **500003**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **41827E**, and **002321** is the 20% darker color. If you saturate the color by 10%, you get **00504D**, and if you desaturate by 10%, it is **08504D**.

# Distribution



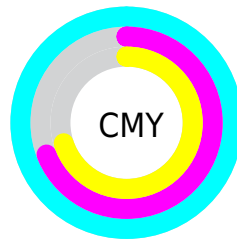
- Red (0%)
- Green (31%)
- Blue (30%)



- Red (0%)
- Yellow (16%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00504D 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 00504D by changing the saturation by 10% instead.



 00504D

 00504D

FFFFFF

 003936

 41827E

 002321

 5B9C98

 00010B

 76B7B2

 000000

 91D3CE

 ACEFEA

 C8FFFF

 E5FFFF

 00504D

■ 08504D

■ 10504E

■ 18504E

■ 20504E

■ 28504F

■ 30504F

■ 38504F

■ 40504F

■ 485050

# Harmonies

## Analogous

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



224F3B



00504D



004F5D

# Triad

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



00504D



514061



5B4226

# Complementary

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



00504D



500003

# 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.



653C31



00504D



613B52

# Square

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



00504D



384669



683941



4C4824

# Rectangle

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



00504D



054D65



683941



5F4029



# Sweetspot

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



00504D



496967



045000



223635



B5B5B5



363636



# Same Dimension

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



00504D



006965



002C50



252929



00E8DF

# Inverse Universe

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



500003



690004



502400



292525



E80009

# Previews

## White Background



This preview shows how the Hex color 00504D looks on a white background.

## Color Contrast Check

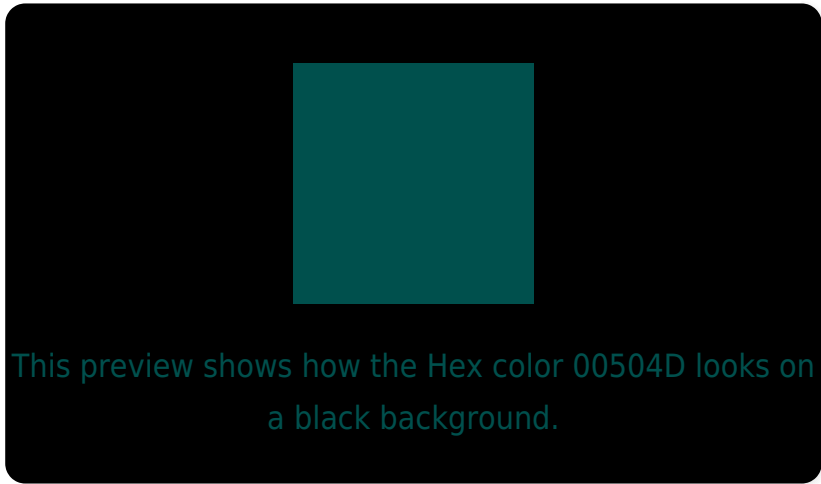
Large Text (above 18pt) WCAG AA ✓ Pass

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

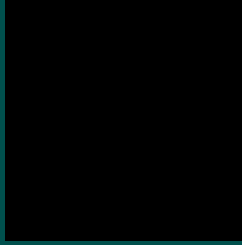
Any Text WCAG AA × Fail

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 00504D Background



This preview shows how black text looks on a background with the Hex color 00504D.

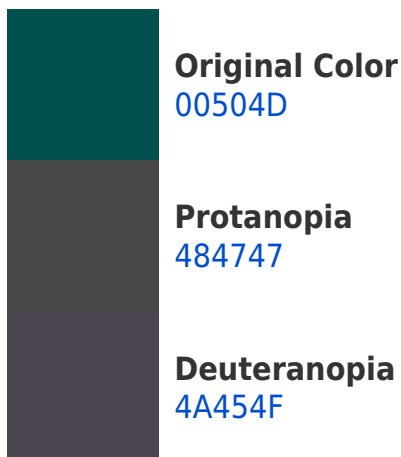


This preview shows how white text looks on a background with the Hex color 00504D.

# 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

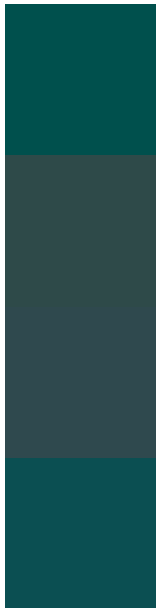






**Tritanopia**  
114F55

# Trichromacy



**Original Color**  
00504D

**Protanomaly**  
2E4A49

**Deuteranomaly**  
2F494E

**Tritanomaly**  
0B4F52

# Monochromacy



**Original Color**  
00504D

**Achromatopsia**  
383838

**Achromatomaly**  
244140

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00504D 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 #00504D looks like.

```
.text, #text, p{  
    color:#00504D  
}
```

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 #00504D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00504D
}
```

## Border

The CSS property to change the border of an element to Hex 00504D 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
#00504D }
```

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

```
.border{ border-color:#00504D }
```

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

Here you see how a box with a 4 pixel #00504D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00504D; -webkit-box-shadow:4px 4px  
4px 4px #00504D; box-shadow:4px 4px 4px  
4px #00504D }
```

# Background

The CSS property to change the background color of an element to Hex 00504D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00504D }
```

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

```
.background{ background-color:#00504D }
```

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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