

Converting Colors

Hex(005746)

Have a look what the booklet for
Hex(005746) contains.

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Color

Hex(005746)

Conversions

Conversions Part 1

Format	Color
Hex	005746
RGB	0, 87, 70
RGB Percent	0%, 34%, 27%
CMY	1.0000, 0.6588, 0.7255
CMYK	1.00, 0.00, 0.20, 0.66
HSL	168°, 100%, 17%
HSV	168°, 100%, 34%
XYZ	4.5137, 7.2586, 6.9575
YIQ	59.0490, -46.3950, -23.7310

Conversions

Conversions Part 2

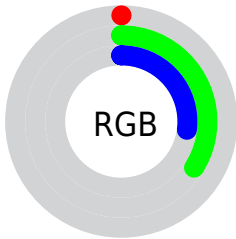
Format	Color
RYB	0, 48, 87
Decimal	22342
CIELab	32.39, -27.51, 3.47
CIELCh	32, 27.724, 172.809
Yxy	7.2586, 0.2410, 0.3875
Android (android.graphics.Color)	4278212422 (0xFF005746)
YUV	59.0490, 5.3988, -51.7860
Hunter-Lab	26.9418, -17.2431, 3.5481

Details

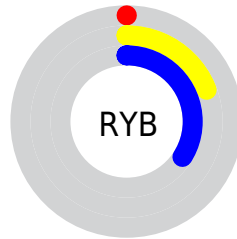
The Hex color **005746** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **570011**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428A76**, and **00291B** is the 20% darker color. If you saturate the color by 10%, you get **005746**, and if you desaturate by 10%, it is **095748**.

Distribution



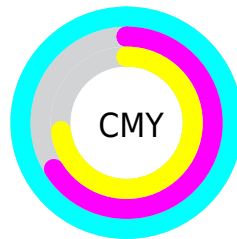
- Red (0%)
- Green (34%)
- Blue (27%)



- Red (0%)
- Yellow (19%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005746 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 005746 by changing the saturation by 10% instead.

 005746

 005746

FFFFFF

 003F30

 428A76

 00291B

 5CA490

 001000

 77BFAA

 000000

 92DBC6

 AEF8E2

 CAFFFE

 E7FFFF

 005746

■ 095748

■ 115749

■ 1A574B

■ 23574D

■ 2C574F

■ 345750

■ 3D5752

■ 465754

■ 4E5755

Harmonies

Analogous

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



2F5531



005746



00575C

Triad

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



005746



464974



6E412A

Complementary

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



005746



570011

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.



753B3C



005746



624067

Square

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



005746



175077



723A52



5E4920

Rectangle

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



005746



005669



723A52



713F30

Sweetspot

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



005746



4F706A



115700



243834



B8B8B8



383838

Same Dimension

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



005746



00705A



003D57



272B2B



006B56



00EBBD

Inverse Universe

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



570011



700016



571A00



2B2728



6B0015



EB002E

Previews

White Background



This preview shows how the Hex color 005746 looks on a white background.

Color Contrast Check

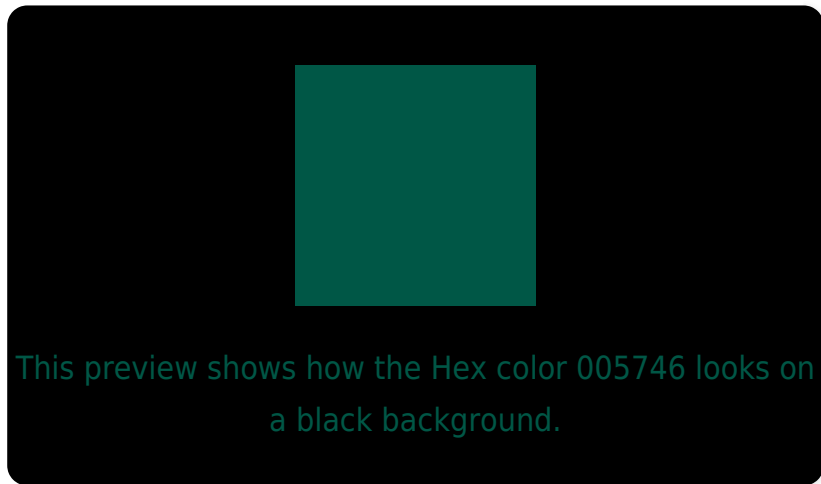
Large Text (above 18pt) WCAG AA ✓ Pass

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 005746 Background



This preview shows how black text looks on a background with the Hex color 005746.



This preview shows how white text looks on a background with the Hex color 005746.

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
005746

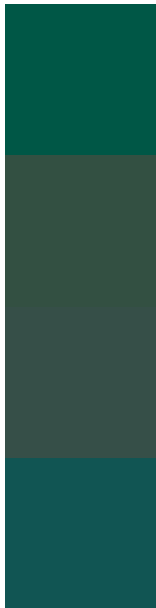
Protanopia
504C40

Deuteranopia
554A49



Tritanopia
1A545B

Trichromacy



Original Color
005746

Protanomaly
335042

Deuteranomaly
364F48

Tritanomaly
115553

Monochromacy



Original Color
005746

Achromatopsia
3B3B3B

Achromatomaly
26453F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005746 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 #005746 looks like.

```
.text, #text, p{  
    color:#005746  
}
```

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 #005746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005746
}
```

Border

The CSS property to change the border of an element to Hex 005746 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
#005746 }
```

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

```
.border{ border-color:#005746 }
```

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

Here you see how a box with a 4 pixel #005746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005746; -webkit-box-shadow:4px 4px  
4px 4px #005746; box-shadow:4px 4px 4px  
4px #005746 }
```

Background

The CSS property to change the background color of an element to Hex 005746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005746 }
```

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

```
.background{ background-color:#005746 }
```

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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