

Converting Colors

Hex(005749)

Have a look what the booklet for
Hex(005749) contains.

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Color

Hex(005749)

Conversions

Conversions Part 1

Format	Color
Hex	005749
RGB	0, 87, 73
RGB Percent	0%, 34%, 29%
CMY	1.0000, 0.6588, 0.7137
CMYK	1.00, 0.00, 0.16, 0.66
HSL	170°, 100%, 17%
HSV	170°, 100%, 34%
XYZ	4.6108, 7.2974, 7.4689
YIQ	59.3910, -47.3580, -22.7980

Conversions

Conversions Part 2

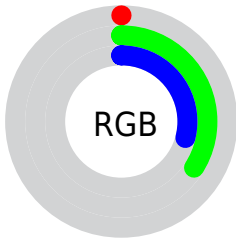
Format	Color
RYB	0, 47, 87
Decimal	22345
CIELab	32.47, -26.59, 1.71
CIELCh	32, 26.643, 176.328
Yxy	7.2974, 0.2380, 0.3766
Android (android.graphics.Color)	4278212425 (0xFF005749)
YUV	59.3910, 6.7092, -52.0859
Hunter-Lab	27.0138, -16.8071, 2.5169

Details

The Hex color **005749** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57000E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428979**, and **00291E** is the 20% darker color. If you saturate the color by 10%, you get **005749**, and if you desaturate by 10%, it is **09574A**.

Distribution



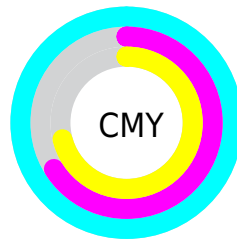
- Red (0%)
- Green (34%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (66%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005749 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 005749 by changing the saturation by 10% instead.

 005749

 005749

FFFFFF

 003F33

 428979

 00291E

 5CA493

 001004

 77BFAE

 000000

 92DBC9

 AEF8E5

 CAFFFF

 E7FFFF

 005749

■ 09574A

■ 11574C

■ 1A574D

■ 23574F

■ 2C5750

■ 345751

■ 3D5753

■ 465754

■ 4E5756

Harmonies

Analogous

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



2D5534



005749



00575E

Triad

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



005749



4A4872



6B432A

Complementary

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



005749



57000E

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.



743D3B



005749



644064

Square

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



005749



224F76



723B50



5B4A22

Rectangle

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



005749



00566A



723B50



6F402F

Sweetspot

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



005749



4F706B



0E5700



243835



B8B8B8



383838

Same Dimension

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



005749



00705E



003A57



272B2B



006B5A



00EBC5

Inverse Universe

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



57000E



700012



571D00



2B2728



6B0011



EB0026

Previews

White Background



This preview shows how the Hex color 005749 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

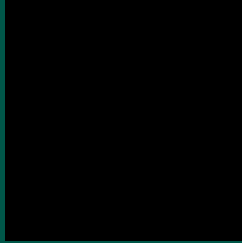
Any Text WCAG AA × Fail

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 005749 Background



This preview shows how black text looks on a background with the Hex color 005749.



This preview shows how white text looks on a background with the Hex color 005749.

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
005749

Protanopia
504C43

Deuteranopia
544A4C



Tritanopia
19545B

Trichromacy



Original Color
005749

Protanomaly
335045

Deuteranomaly
354F4B

Tritanomaly
105554

Monochromacy



Original Color
005749

Achromatopsia
3B3B3B

Achromatomaly
264540

CSS Examples

Text

The CSS property to change the color of the text to Hex 005749 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 #005749 looks like.

```
.text, #text, p{  
    color:#005749  
}
```

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 #005749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005749
}
```

Border

The CSS property to change the border of an element to Hex 005749 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
#005749 }
```

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

```
.border{ border-color:#005749 }
```

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

Here you see how a box with a 4 pixel #005749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005749; -webkit-box-shadow:4px 4px  
4px 4px #005749; box-shadow:4px 4px 4px  
4px #005749 }
```

Background

The CSS property to change the background color of an element to Hex 005749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005749 }
```

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

```
.background{ background-color:#005749 }
```

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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