

Converting Colors

Hex(005754)

Have a look what the booklet for
Hex(005754) contains.

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Color

Hex(005754)

Conversions

Conversions Part 1

Format	Color
Hex	005754
RGB	0, 87, 84
RGB Percent	0%, 34%, 33%
CMY	1.0000, 0.6588, 0.6706
CMYK	1.00, 0.00, 0.03, 0.66
HSL	178°, 100%, 17%
HSV	178°, 100%, 34%
XYZ	5.0084, 7.4565, 9.5628
YIQ	60.6450, -50.8890, -19.3770

Conversions

Conversions Part 2

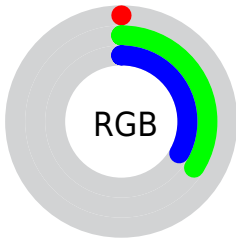
Format	Color
RYB	0, 44, 87
Decimal	22356
CIELab	32.82, -23.00, -4.72
CIELCh	33, 23.477, 191.600
Yxy	7.4565, 0.2274, 0.3385
Android (android.graphics.Color)	4278212436 (0xFF005754)
YUV	60.6450, 11.5140, -53.1857
Hunter-Lab	27.3066, -15.0469, -1.6488

Details

The Hex color **005754** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **570003**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **438985**, and **002927** is the 20% darker color. If you saturate the color by 10%, you get **005754**, and if you desaturate by 10%, it is **095754**.

Distribution



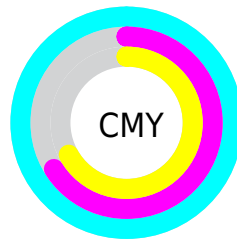
- Red (0%)
- Green (34%)
- Blue (33%)



- Red (0%)
- Yellow (17%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005754 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 005754 by changing the saturation by 10% instead.

 005754

 005754

FFFFFF

 003F3D

 438985

 002927

 5EA4A0

 001213

 79BFBB

 000000

 94DBD6

 B0F8F3

 CDFFFF

 E9FFFF

 005754

■ 095754

■ 115755

■ 1A5755

■ 235755

■ 2C5756

■ 345756

■ 3D5756

■ 465756

■ 4E5757

Harmonies

Analogous

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



255641



005754



005665

Triad

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



005754



584669



63482A

Complementary

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



005754



570003

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.



6E4235



005754



6A4059

Square

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



005754



3D4D71



713F47



524E28

Rectangle

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



005754



07546D



713F47



67462D

Sweetspot

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



005754



4F706F



045700



243837



B8B8B8



383838

Same Dimension

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



005754



00706C



003057



272B2B



006B67



00EBE3

Inverse Universe

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



570003



700004



572700



2B2727



6B0004



EB0008

Previews

White Background



This preview shows how the Hex color 005754 looks on a white background.

Color Contrast Check

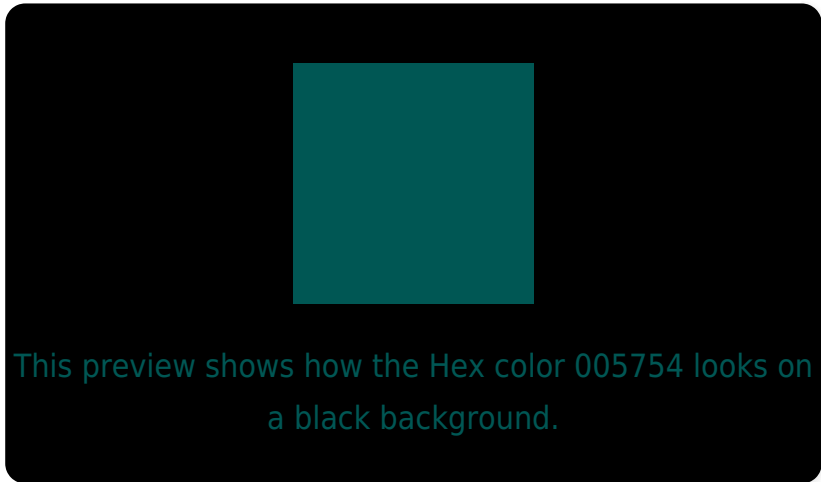
Large Text (above 18pt) WCAG AA ✓ Pass

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

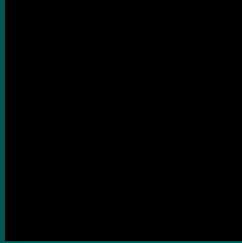
Any Text WCAG AA × Fail

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 005754 Background



This preview shows how black text looks on a background with the Hex color 005754.

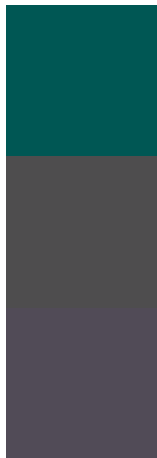


This preview shows how white text looks on a background with the Hex color 005754.

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
005754

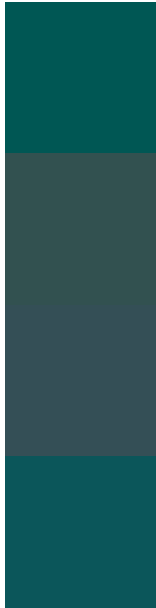
Protanopia
4E4D4E

Deuteranopia
514B57



Tritanopia
12565D

Trichromacy



Original Color
005754

Protanomaly
325150

Deuteranomaly
344F56

Tritanomaly
0B565A

Monochromacy



Original Color
005754

Achromatopsia
3D3D3D

Achromatomaly
274645

CSS Examples

Text

The CSS property to change the color of the text to Hex 005754 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 #005754 looks like.

```
.text, #text, p{  
    color:#005754  
}
```

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 #005754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005754
}
```

Border

The CSS property to change the border of an element to Hex 005754 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
#005754 }
```

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

```
.border{ border-color:#005754 }
```

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

Here you see how a box with a 4 pixel #005754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005754; -webkit-box-shadow:4px 4px  
4px 4px #005754; box-shadow:4px 4px 4px  
4px #005754 }
```

Background

The CSS property to change the background color of an element to Hex 005754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005754 }
```

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

```
.background{ background-color:#005754 }
```

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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