

Converting Colors

Hex(005353)

Have a look what the booklet for
Hex(005353) contains.

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Color

Hex(005353)

Conversions

Conversions Part 1

Format	Color
Hex	005353
RGB	0, 83, 83
RGB Percent	0%, 33%, 33%
CMY	1.0000, 0.6745, 0.6745
CMYK	1.00, 0.00, 0.00, 0.67
HSL	180°, 100%, 16%
HSV	180°, 100%, 33%
XYZ	4.6546, 6.8110, 9.2530
YIQ	58.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

Format	Color
RYB	0, 42, 83
Decimal	21331
CIELab	31.37, -21.26, -6.25
CIELCh	31, 22.164, 196.386
Yxy	6.8110, 0.2247, 0.3287
Android (android.graphics.Color)	4278211411 (0xFF005353)
YUV	58.1830, 12.2348, -51.0265
Hunter-Lab	26.0980, -13.8359, -2.7525

Details

The Hex color **005353** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **530000**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **428584**, and **002626** is the 20% darker color. If you saturate the color by 10%, you get **005353**, and if you desaturate by 10%, it is **085353**.

Distribution



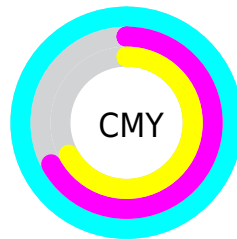
- Red (0%)
- Green (33%)
- Blue (33%)



- Red (0%)
- Yellow (16%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005353 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 005353 by changing the saturation by 10% instead.

 005353

 005353

FFFFFF

 003C3C

 428584

 002626

 5D9F9E

 000A12

 78BAB9

 000000

 93D6D5

 AFF3F1

 CBFFFF

 E8FFFF

 005353

■ 085353

■ 115353

■ 195353

■ 215353

■ 295353

■ 325353

■ 3A5353

■ 425353

■ 4B5353

Harmonies

Analogous

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



215241



005353



005262

Triad

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



005353



584262



5C4628

Complementary

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



005353



530000

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.



674031



005353



663D52

Square

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



005353



40486B



6C3C41



4C4C28

Rectangle

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



005353



144F69



6C3C41



60442A

Sweetspot

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



005353



4B6B6B



005300



223636



B5B5B5



363636

Same Dimension

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



005353



006B6B



002953



252929



006969



00E8E8

Inverse Universe

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



530053



6B006B



532900



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 005353 looks on a white background.

Color Contrast Check

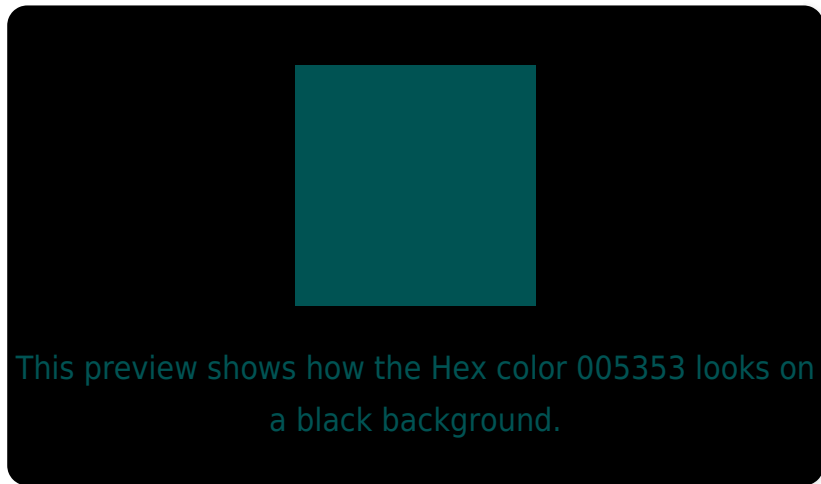
Large Text (above 18pt) WCAG AA ✓ Pass

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

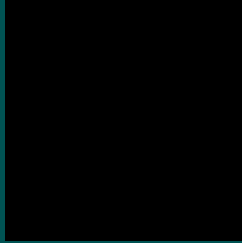
Any Text WCAG AA × Fail

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 005353 Background



This preview shows how black text looks on a background with the Hex color 005353.

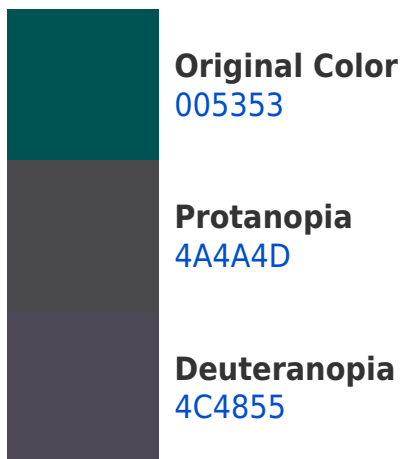


This preview shows how white text looks on a background with the Hex color 005353.

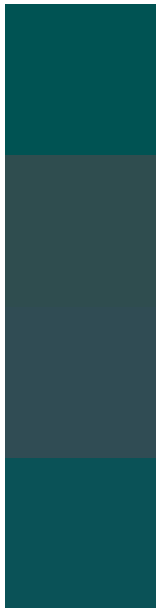
Color Blindness Simulation

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



Trichromacy



Original Color
005353

Protanomaly
2F4D4F

Deuteranomaly
304C54

Tritanomaly
0A5257

Monochromacy



Original Color
005353

Achromatopsia
3A3A3A

Achromatomaly
254343

CSS Examples

Text

The CSS property to change the color of the text to Hex 005353 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 #005353 looks like.

```
.text, #text, p{  
    color:#005353  
}
```

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 #005353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005353
}
```

Border

The CSS property to change the border of an element to Hex 005353 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
#005353 }
```

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

```
.border{ border-color:#005353 }
```

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

Here you see how a box with a 4 pixel #005353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005353; -webkit-box-shadow:4px 4px  
4px 4px #005353; box-shadow:4px 4px 4px  
4px #005353 }
```

Background

The CSS property to change the background color of an element to Hex 005353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005353 }
```

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

```
.background{ background-color:#005353 }
```

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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