

Converting Colors

Hex(005452)

Have a look what the booklet for
Hex(005452) contains.

Hex(005452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005452)

Conversions

Conversions Part 1

Format	Color
Hex	005452
RGB	0, 84, 82
RGB Percent	0%, 33%, 32%
CMY	1.0000, 0.6706, 0.6784
CMYK	1.00, 0.00, 0.02, 0.67
HSL	179°, 100%, 16%
HSV	179°, 100%, 33%
XYZ	4.6933, 6.9498, 9.0767
YIQ	58.6560, -49.4220, -18.4300

Conversions

Conversions Part 2

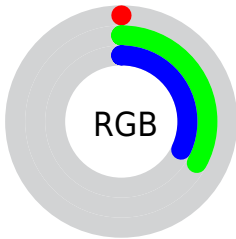
Format	Color
RYB	0, 43, 84
Decimal	21586
CIELab	31.69, -22.14, -5.14
CIELCh	32, 22.724, 193.072
Yxy	6.9498, 0.2265, 0.3354
Android (android.graphics.Color)	4278211666 (0xFF005452)
YUV	58.6560, 11.5086, -51.4413
Hunter-Lab	26.3626, -14.3562, -1.9600

Details

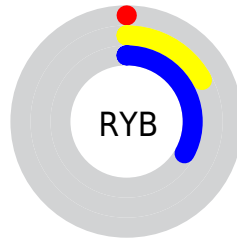
The Hex color **005452** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **540002**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428683**, and **002625** is the 20% darker color. If you saturate the color by 10%, you get **005452**, and if you desaturate by 10%, it is **085452**.

Distribution



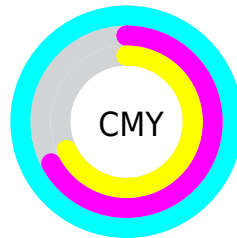
- Red (0%)
- Green (33%)
- Blue (32%)



- Red (0%)
- Yellow (17%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005452 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 005452 by changing the saturation by 10% instead.

 005452

 005452

FFFFFF

 003D3B

 428683

 002625

 5DA09D

 000C11

 78BCB8

 000000

 93D7D4

 AFF4F0

 CBFFFF

 E8FFFF

 005452

■ 085452

■ 115452

■ 195453

■ 225453

■ 2A5453

■ 325453

■ 3B5453

■ 435454

■ 4C5454

Harmonies

Analogous

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



235340



005452



005362

Triad

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



005452



564365



5F4629

Complementary

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



005452



540002

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.



6A4033



005452



673E55

Square

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



005452



3D4A6D



6D3D43



4E4C27

Rectangle

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



005452



0C516A



6D3D43



63442B

Sweetspot

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



005452



4D6E6D



035400



243838



B8B8B8



383838

Same Dimension

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



005452



006E6B



002D54



252929



006966



00E8E3

Inverse Universe

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



540002



6E0003



542700



292525



690002



E80006

Previews

White Background



This preview shows how the Hex color 005452 looks on a white background.

Color Contrast Check

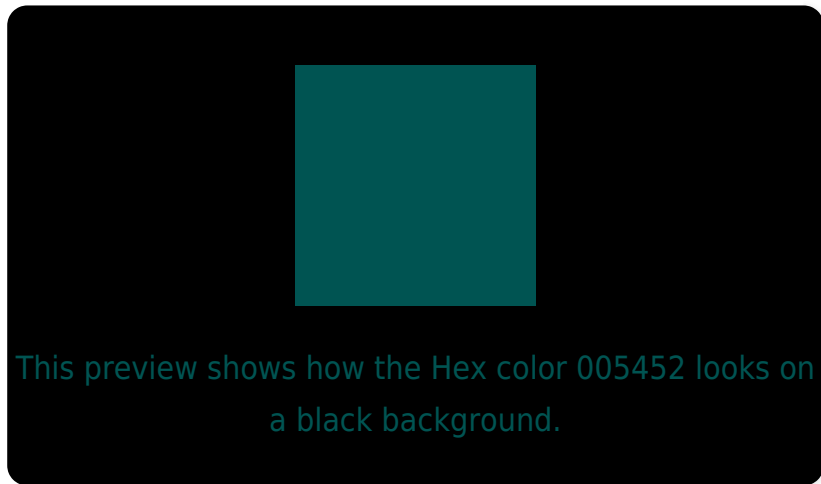
Large Text (above 18pt) WCAG AA ✓ Pass

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

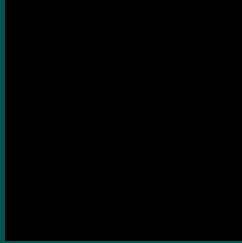
Any Text WCAG AA × Fail

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 005452 Background



This preview shows how black text looks on a background with the Hex color 005452.



This preview shows how white text looks on a background with the Hex color 005452.

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
005452

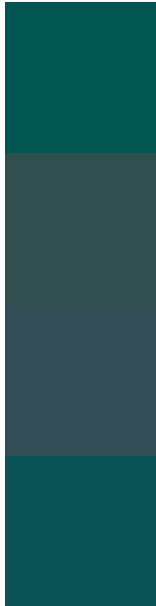
Protanopia
4C4A4C

Deuteranopia
4D4954



Tritanopia
11535A

Trichromacy



Original Color
005452

Protanomaly
304E4E

Deuteranomaly
314D53

Tritanomaly
0B5357

Monochromacy



Original Color
005452

Achromatopsia
3B3B3B

Achromatomaly
264443

CSS Examples

Text

The CSS property to change the color of the text to Hex 005452 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 #005452 looks like.

```
.text, #text, p{  
    color:#005452  
}
```

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 #005452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005452
}
```

Border

The CSS property to change the border of an element to Hex 005452 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
#005452 }
```

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

```
.border{ border-color:#005452 }
```

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

Here you see how a box with a 4 pixel #005452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005452; -webkit-box-shadow:4px 4px  
4px 4px #005452; box-shadow:4px 4px 4px  
4px #005452 }
```

Background

The CSS property to change the background color of an element to Hex 005452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005452 }
```

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

```
.background{ background-color:#005452 }
```

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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