

Converting Colors

Hex(005242)

Have a look what the booklet for
Hex(005242) contains.

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Color

Hex(005242)

Conversions

Conversions Part 1

Format	Color
Hex	005242
RGB	0, 82, 66
RGB Percent	0%, 32%, 26%
CMY	1.0000, 0.6784, 0.7412
CMYK	1.00, 0.00, 0.20, 0.68
HSL	168°, 100%, 16%
HSV	168°, 100%, 32%
XYZ	4.0007, 6.4279, 6.1841
YIQ	55.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

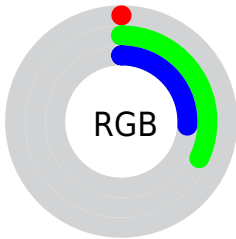
Format	Color
RYB	0, 45, 82
Decimal	21058
CIELab	30.47, -26.36, 3.24
CIElCh	30, 26.561, 172.998
Yxy	6.4279, 0.2408, 0.3869
Android (android.graphics.Color)	4278211138 (0xFF005242)
YUV	55.6580, 5.0986, -48.8121
Hunter-Lab	25.3534, -16.2018, 3.2855

Details

The Hex color **005242** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **520010**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **408472**, and **002517** is the 20% darker color. If you saturate the color by 10%, you get **005242**, and if you desaturate by 10%, it is **085244**.

Distribution



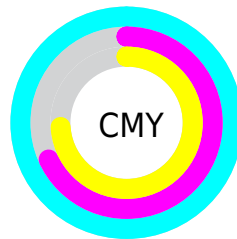
- Red (0%)
- Green (32%)
- Blue (26%)



- Red (0%)
- Yellow (18%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005242 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 005242 by changing the saturation by 10% instead.

 005242

 005242

FFFFFF

 003A2C

 408472

 002517

 5A9E8B

 000300

 75BAA6

 000000

 90D5C1

 ABF2DD

 C7FFF9

 E4FFFF

 005242

■ 085244

■ 105245

■ 195247

■ 215248

■ 29524A

■ 31524C

■ 39524D

■ 42524F

■ 4A5250

Harmonies

Analogous

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



2C502E



005242



005257

Triad

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



005242



42446E



673D27

Complementary

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



005242



520010

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.



6F3739



005242



5D3C61

Square

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



005242



164B71



6C374D



58451E

Rectangle

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



005242



005163



6C374D



6B3B2C

Sweetspot

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



005242



4B6B65



105200



223632



B5B5B5



363636

Same Dimension

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



005242



006B56



003952



252928



006954



00E8BB

Inverse Universe

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



520010



6B0015



521900



292526



690014



E8002D

Previews

White Background



This preview shows how the Hex color 005242 looks on a white background.

Color Contrast Check

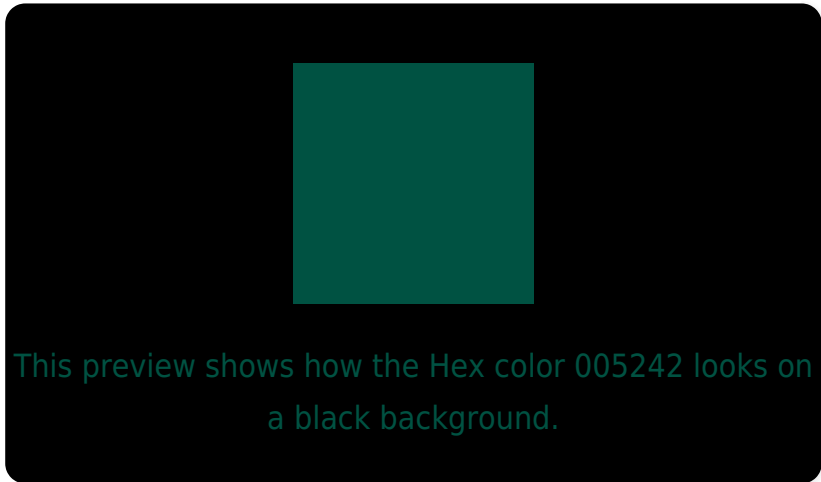
Large Text (above 18pt) WCAG AA ✓ Pass

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

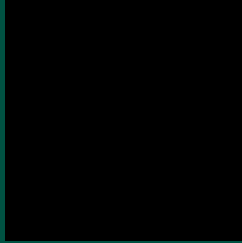
Any Text WCAG AA × Fail

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 005242 Background



This preview shows how black text looks on a background with the Hex color 005242.



This preview shows how white text looks on a background with the Hex color 005242.

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](#).

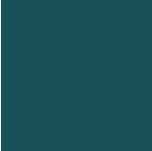
Dichromacy



Original Color
005242

Protanopia
4C483D

Deuteranopia
504645



Tritanopia
194F56

Trichromacy



Original Color
005242

Protanomaly
304C3F

Deuteranomaly
334A44

Tritanomaly
10504F

Monochromacy



Original Color
005242

Achromatopsia
383838

Achromatomaly
24413C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005242 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 #005242 looks like.

```
.text, #text, p{  
    color:#005242  
}
```

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 #005242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005242
}
```

Border

The CSS property to change the border of an element to Hex 005242 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
#005242 }
```

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

```
.border{ border-color:#005242 }
```

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

Here you see how a box with a 4 pixel #005242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005242; -webkit-box-shadow:4px 4px  
4px 4px #005242; box-shadow:4px 4px 4px  
4px #005242 }
```

Background

The CSS property to change the background color of an element to Hex 005242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005242 }
```

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

```
.background{ background-color:#005242 }
```

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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