

Converting Colors

Hex(005442)

Have a look what the booklet for
Hex(005442) contains.

Hex(005442)	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(005442)

Conversions

Conversions Part 1

Format	Color
Hex	005442
RGB	0, 84, 66
RGB Percent	0%, 33%, 26%
CMY	1.0000, 0.6706, 0.7412
CMYK	1.00, 0.00, 0.21, 0.67
HSL	167°, 100%, 16%
HSV	167°, 100%, 33%
XYZ	4.1537, 6.7340, 6.2351
YIQ	56.8320, -44.2860, -23.4060

Conversions

Conversions Part 2

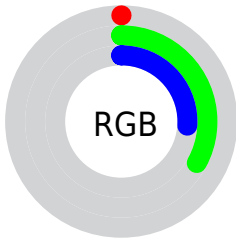
Format	Color
RYB	0, 47, 84
Decimal	21570
CIELab	31.19, -27.30, 4.28
CIELCh	31, 27.636, 171.092
Yxy	6.7340, 0.2426, 0.3933
Android (android.graphics.Color)	4278211650 (0xFF005442)
YUV	56.8320, 4.5198, -49.8417
Hunter-Lab	25.9499, -16.8407, 3.9190

Details

The Hex color **005442** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **540012**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **408672**, and **002617** is the 20% darker color. If you saturate the color by 10%, you get **005442**, and if you desaturate by 10%, it is **085444**.

Distribution



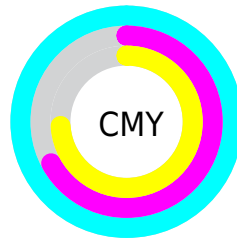
- Red (0%)
- Green (33%)
- Blue (26%)



- Red (0%)
- Yellow (18%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (74%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005442 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 005442 by changing the saturation by 10% instead.

 005442

 005442

FFFFFF

 003C2C

 408672

 002617

 5BA18B

 000800

 75BCA6

 000000

 90D8C1

 ACF4DD

 C8FFF9

 E5FFFF

 005442

■ 085444

■ 115446

■ 195447

■ 225449

■ 2A544B

■ 32544D

■ 3B544F

■ 435450

■ 4C5452

Harmonies

Analogous

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



2E522D



005442



005458

Triad

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



005442



414672



6B3E28

Complementary

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



005442



540012

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.



72383B



005442



5E3E65

Square

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



005442



0D4E74



6E3851



5C461E

Rectangle

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



005442



005365



6E3851



6E3C2E

Sweetspot

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



005442



4D6E67



125400



243834



B8B8B8



383838

Same Dimension

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



005442



006E56



003C54



252928



006952



00E8B6

Inverse Universe

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



540012



6E0017



541800



292526



690016



E80032

Previews

White Background



This preview shows how the Hex color 005442 looks on a white background.

Color Contrast Check

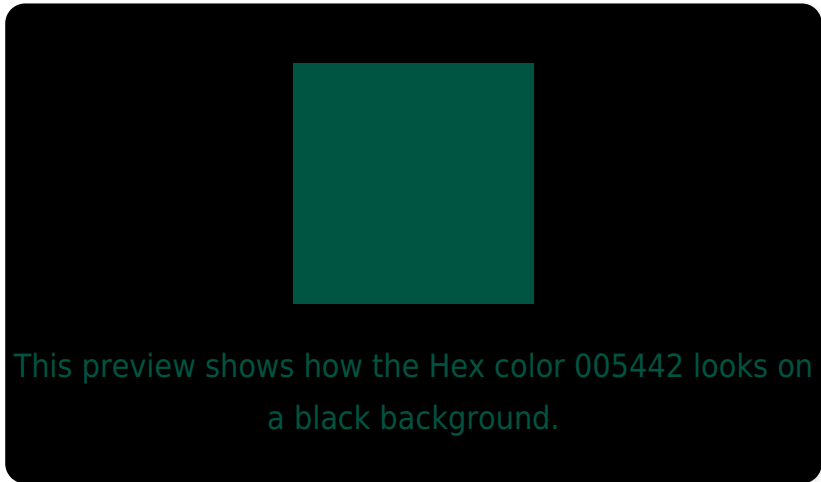
Large Text (above 18pt) WCAG AA ✓ Pass

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

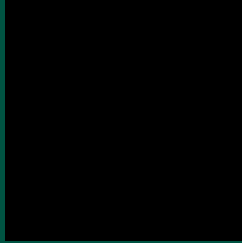
Any Text WCAG AA × Fail

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 005442 Background



This preview shows how black text looks on a background with the Hex color 005442.



This preview shows how white text looks on a background with the Hex color 005442.

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
005442

Protanopia
4E493D

Deuteranopia
524745



Tritanopia
1A5158

Trichromacy



Original Color
005442

Protanomaly
324D3F

Deuteranomaly
344C44

Tritanomaly
115250

Monochromacy



Original Color
005442

Achromatopsia
393939

Achromatomaly
24433C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005442 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 #005442 looks like.

```
.text, #text, p{  
    color:#005442  
}
```

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 #005442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005442
}
```

Border

The CSS property to change the border of an element to Hex 005442 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
#005442 }
```

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

```
.border{ border-color:#005442 }
```

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

Here you see how a box with a 4 pixel #005442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005442; -webkit-box-shadow:4px 4px  
4px 4px #005442; box-shadow:4px 4px 4px  
4px #005442 }
```

Background

The CSS property to change the background color of an element to Hex 005442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005442 }
```

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

```
.background{ background-color:#005442 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor