

Converting Colors

Hex(005C52)

Have a look what the booklet for
Hex(005C52) contains.

| | |
|--|----|
| Hex(005C52) | 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(005C52)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 005C52 |
| RGB | 0, 92, 82 |
| RGB Percent | 0%, 36%, 32% |
| CMY | 1.0000, 0.6392, 0.6784 |
| CMYK | 1.00, 0.00, 0.11, 0.64 |
| HSL | 173°, 100%, 18% |
| HSV | 173°, 100%, 36% |
| XYZ | 5.3501, 8.2635, 9.2957 |
| YIQ | 63.3520, -51.6220, -22.6140 |

Conversions

Conversions Part 2

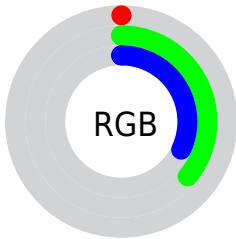
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 49, 92 |
| Decimal | 23634 |
| CIELab | 34.53, -26.16, -0.95 |
| CIELCh | 35, 26.179, 182.084 |
| Yxy | 8.2635, 0.2335, 0.3607 |
| Android (android.graphics.Color) | 4278213714 (0xFF005C52) |
| YUV | 63.3520, 9.1935, -55.5597 |
| Hunter-Lab | 28.7463, -17.0843, 0.9498 |

Details

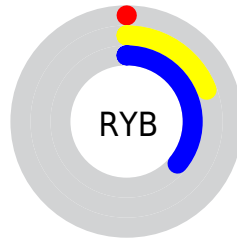
The Hex color **005C52** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C000A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **448F83**, and **002D25** is the 20% darker color. If you saturate the color by 10%, you get **005C52**, and if you desaturate by 10%, it is **095C53**.

Distribution



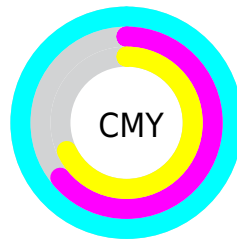
- Red (0%)
- Green (36%)
- Blue (32%)



- Red (0%)
- Yellow (19%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C52 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 005C52 by changing the saturation by 10% instead.

005C52

005C52

FFFFFF

00443B

448F83

002D25

5FAA9D

001911

7AC5B8

000000

96E1D4

B2FEF0

CEFFFF

EBFFFF

005C52

■ 095C53

■ 125C54

■ 1C5C55

■ 255C56

■ 2E5C57

■ 375C58

■ 405C59

■ 4A5C5A

■ 535C5B

Harmonies

Analogous

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



2D5A3D



005C52



005B67

Triad

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



005C52



554B74



6E492D

Complementary

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



005C52



5C000A

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.



78433C



005C52



6C4465

Square

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



005C52



32537B



784051



5D5027

Rectangle

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



005C52



005A71



784051



724731

Sweetspot

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



005C52



547874



0B5C00



273D3B



BDBDBD



3D3D3D

Same Dimension

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



005C52



00786B



00395C



292E2D



006E62



00EDD3

Inverse Universe

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



5C000A



78000D



5C2300



2E292A



6E000C



ED001A

Previews

White Background



This preview shows how the Hex color 005C52 looks on a white background.

Color Contrast Check

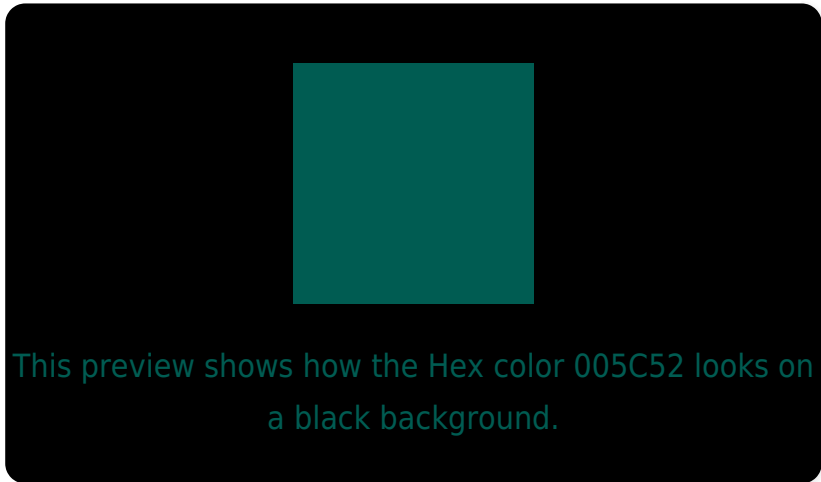
Large Text (above 18pt) WCAG AA ✓ Pass

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

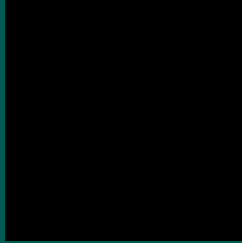
Any Text WCAG AA × Fail

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 005C52 Background



This preview shows how black text looks on a background with the Hex color 005C52.

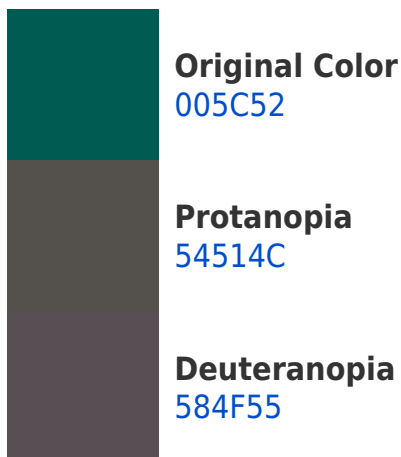



This preview shows how white text looks on a background with the Hex color 005C52.

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](#).

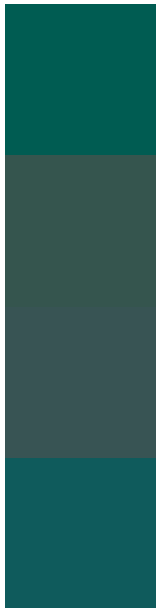
Dichromacy





Tritanopia
185A61

Trichromacy



Original Color
005C52

Protanomaly
35554E

Deuteranomaly
385454

Tritanomaly
0F5B5C

Monochromacy



Original Color
005C52

Achromatopsia
3F3F3F

Achromatomaly
284A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C52 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 #005C52 looks like.

```
.text, #text, p{  
    color:#005C52  
}
```

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 #005C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C52
}
```

Border

The CSS property to change the border of an element to Hex 005C52 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
#005C52 }
```

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

```
.border{ border-color:#005C52 }
```

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

Here you see how a box with a 4 pixel #005C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C52; -webkit-box-shadow:4px 4px  
4px 4px #005C52; box-shadow:4px 4px 4px  
4px #005C52 }
```

Background

The CSS property to change the background color of an element to Hex 005C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C52 }
```

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

```
.background{ background-color:#005C52 }
```

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