

Converting Colors

Hex(005C48)

Have a look what the booklet for
Hex(005C48) contains.

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Color

Hex(005C48)

Conversions

Conversions Part 1

Format	Color
Hex	005C48
RGB	0, 92, 72
RGB Percent	0%, 36%, 28%
CMY	1.0000, 0.6392, 0.7176
CMYK	1.00, 0.00, 0.22, 0.64
HSL	167°, 100%, 18%
HSV	167°, 100%, 36%
XYZ	4.9968, 8.1222, 7.4353
YIQ	62.2120, -48.4120, -25.7240

Conversions

Conversions Part 2

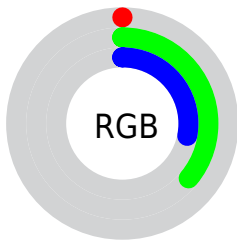
Format	Color
RYB	0, 52, 92
Decimal	23624
CIELab	34.24, -29.23, 4.87
CIELCh	34, 29.629, 170.547
Yxy	8.1222, 0.2431, 0.3952
Android (android.graphics.Color)	4278213704 (0xFF005C48)
YUV	62.2120, 4.8255, -54.5599
Hunter-Lab	28.4994, -18.5773, 4.4813

Details

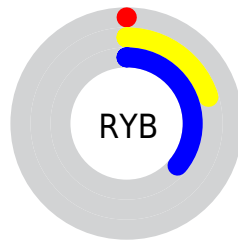
The Hex color **005C48** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C0014**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **438F78**, and **002D1D** is the 20% darker color. If you saturate the color by 10%, you get **005C48**, and if you desaturate by 10%, it is **095C4A**.

Distribution



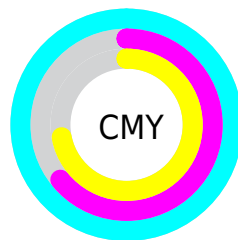
- Red (0%)
- Green (36%)
- Blue (28%)



- Red (0%)
- Yellow (20%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C48 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 005C48 by changing the saturation by 10% instead.

 005C48

 005C48

FFFFFF

 004432

 438F78

 002D1D

 5EAA92

 001803

 79C5AD

 000000

 94E1C8

 B0FEE4

 CCFFFF

 E9FFFF

 005C48

■ 095C4A

■ 125C4C

■ 1C5C4E

■ 255C50

■ 2E5C52

■ 375C54

■ 405C56

■ 4A5C58

■ 535C5A

Harmonies

Analogous

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



335932



005C48



005C60

Triad

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



005C48



464D7D



75442D

Complementary

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



005C48



5C0014

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.



7D3E41



005C48



66446F

Square

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



005C48



0B557F



783D59



654D21

Rectangle

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



005C48



005B6E



783D59



794133

Sweetspot

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



005C48



547870



155C00



273D38



BDBDBD



3D3D3D

Same Dimension

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



005C48



00785E



00435C



292E2D



006E56



00EDBA

Inverse Universe

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



5C0014



78001A



5C1900



2E292A



6E0018



ED0034

Previews

White Background



This preview shows how the Hex color 005C48 looks on a white background.

Color Contrast Check

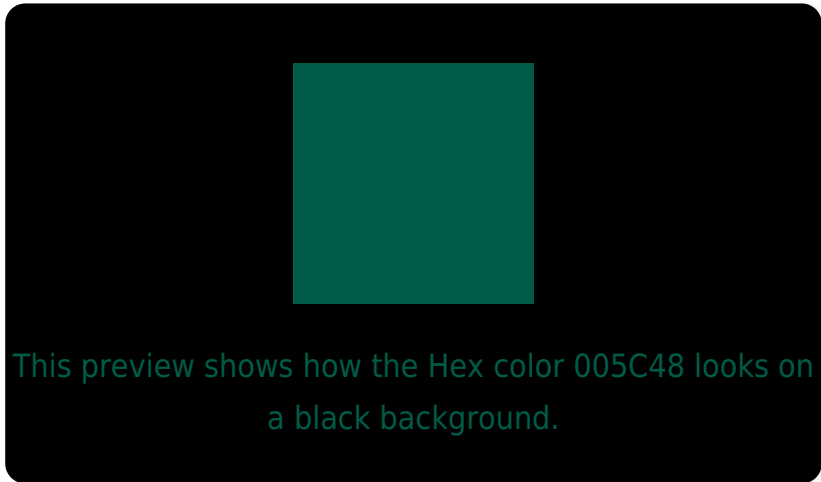
Large Text (above 18pt) WCAG AA ✓ Pass

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

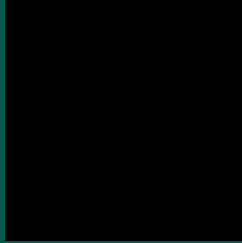
Any Text WCAG AA × Fail

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 005C48 Background



This preview shows how black text looks on a background with the Hex color 005C48.

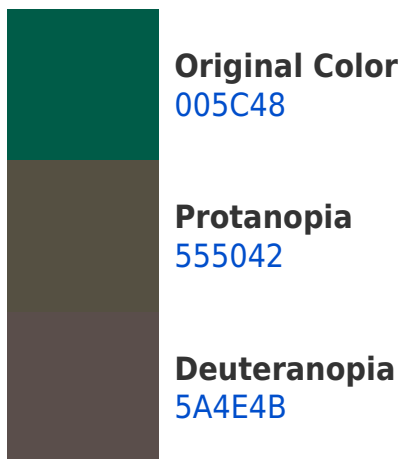



This preview shows how white text looks on a background with the Hex color 005C48.

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](#).

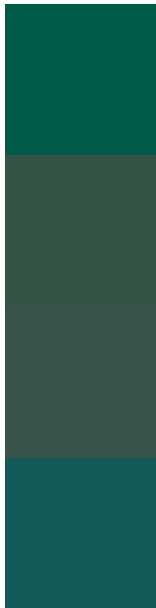
Dichromacy





Tritanopia
1C5960

Trichromacy



Original Color
005C48

Protanomaly
365444

Deuteranomaly
39534A

Tritanomaly
125A57

Monochromacy



Original Color
005C48

Achromatopsia
3E3E3E

Achromatomaly
274942

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C48 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 #005C48 looks like.

```
.text, #text, p{  
    color:#005C48  
}
```

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 #005C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C48
}
```

Border

The CSS property to change the border of an element to Hex 005C48 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
#005C48 }
```

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

```
.border{ border-color:#005C48 }
```

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

Here you see how a box with a 4 pixel #005C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C48; -webkit-box-shadow:4px 4px  
4px 4px #005C48; box-shadow:4px 4px 4px  
4px #005C48 }
```

Background

The CSS property to change the background color of an element to Hex 005C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C48 }
```

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

```
.background{ background-color:#005C48 }
```

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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