

# Converting Colors

Hex(005D3C)

Have a look what the booklet for  
Hex(005D3C) contains.

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# Color

Hex(005D3C)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 005D3C                      |
| RGB         | 0, 93, 60                   |
| RGB Percent | 0%, 36%, 24%                |
| CMY         | 1.0000, 0.6353, 0.7647      |
| CMYK        | 1.00, 0.00, 0.35, 0.64      |
| HSL         | 159°, 100%, 18%             |
| HSV         | 159°, 100%, 36%             |
| XYZ         | 4.7300, 8.1549, 5.5997      |
| YIQ         | 61.4310, -44.8350, -29.9790 |

# Conversions

## Conversions Part 2

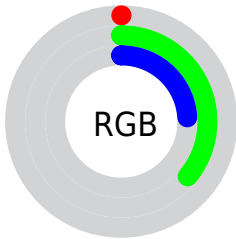
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 57, 93                     |
| Decimal                             | 23868                         |
| CIELab                              | 34.30, -32.91, 12.35          |
| CIELCh                              | 34, 35.156, 159.426           |
| Yxy                                 | 8.1549, 0.2559,<br>0.4412     |
| Android<br>(android.graphics.Color) | 4278213948<br>(0xFF005D3C)    |
| YUV                                 | 61.4310, -0.7055,<br>-53.8750 |
| Hunter-Lab                          | 28.5569, -20.4090,<br>8.3636  |

# Details

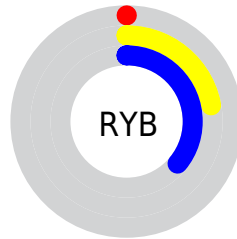
The Hex color **005D3C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D0021**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **43906C**, and **002E12** is the 20% darker color. If you saturate the color by 10%, you get **005D3C**, and if you desaturate by 10%, it is **095D3F**.

# Distribution



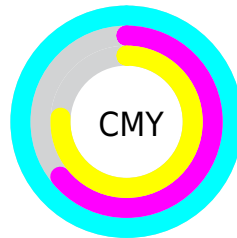
- Red (0%)
- Green (36%)
- Blue (24%)



- Red (0%)
- Yellow (22%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005D3C 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 005D3C by changing the saturation by 10% instead.



 005D3C

 005D3C

FFFFFF

 004526

 43906C

 002E12

 5EAB85

 001800

 79C79F

 000000

 94E3BA

 B0FFD6

 CCFFF2

 E9FFFF

 005D3C

 095D3F

 135D43

 1C5D46

 255D49

 2F5D4C

 385D50

 415D53

 4A5D56

 545D5A

# Harmonies

## Analogous

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



395923



005D3C



005E59

# Triad

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



005D3C



2C5188



803E2F

# Complementary

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



005D3C



5D0021

# 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.



843749



005D3C



5E467C

# Square

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



005D3C



005985



793B65



70481B

# Rectangle

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



005D3C



005E6B



793B65



833B37



# Sweetspot

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



005D3C



54786B



225D00



273D35



BDBDBD



3D3D3D



# Same Dimension

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



005D3C



00784D



00515D



292E2C



006E47



00ED99



# Inverse Universe

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



5D0021



78002B



5D0C00



2E292B



6E0027



ED0054



# Previews

## White Background



This preview shows how the Hex color 005D3C looks on a white background.

## Color Contrast Check

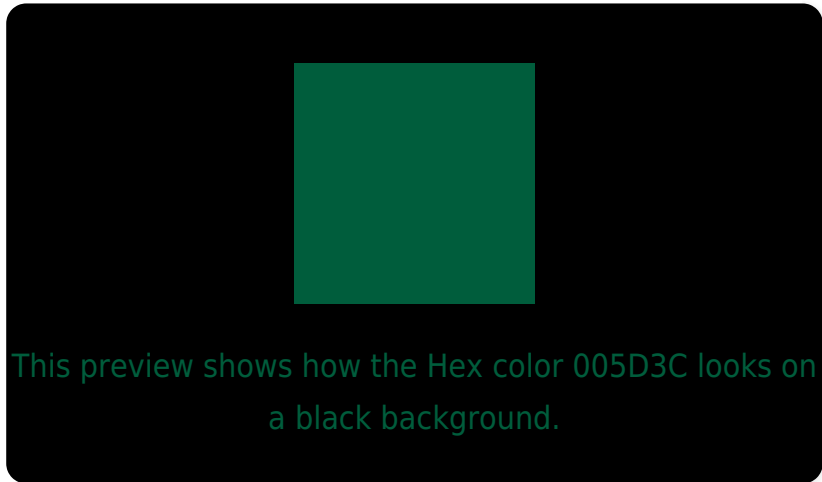
Large Text (above 18pt) WCAG AA ✓ Pass

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

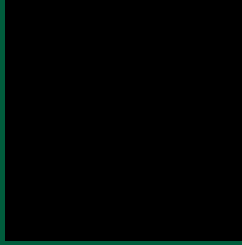
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005D3C Background



This preview shows how black text looks on a background with the Hex color 005D3C.



This preview shows how white text looks on a background with the Hex color 005D3C.

# 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**  
005D3C

**Protanopia**  
575137

**Deuteranopia**  
5E4E40



**Tritanopia**  
215960

# Trichromacy



**Original Color**  
005D3C



**Protanomaly**  
375539



**Deuteranomaly**  
3C533F



**Tritanomaly**  
155A53

# Monochromacy



**Original Color**  
005D3C



**Achromatopsia**  
3D3D3D



**Achromatomaly**  
27493D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005D3C 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 #005D3C looks like.

```
.text, #text, p{  
    color:#005D3C  
}
```

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 #005D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D3C
}
```

## Border

The CSS property to change the border of an element to Hex 005D3C 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
#005D3C }
```

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

```
.border{ border-color:#005D3C }
```

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

Here you see how a box with a 4 pixel #005D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D3C; -webkit-box-shadow:4px 4px  
4px 4px #005D3C; box-shadow:4px 4px 4px  
4px #005D3C }
```

# Background

The CSS property to change the background color of an element to Hex 005D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D3C }
```

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

```
.background{ background-color:#005D3C }
```

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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