

Converting Colors

Hex(005C3E)

Have a look what the booklet for
Hex(005C3E) contains.

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Color

Hex(005C3E)

Conversions

Conversions Part 1

Format	Color
Hex	005C3E
RGB	0, 92, 62
RGB Percent	0%, 36%, 24%
CMY	1.0000, 0.6392, 0.7569
CMYK	1.00, 0.00, 0.33, 0.64
HSL	160°, 100%, 18%
HSV	160°, 100%, 36%
XYZ	4.6966, 8.0021, 5.8544
YIQ	61.0720, -45.2020, -28.8340

Conversions

Conversions Part 2

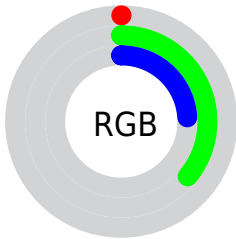
Format	Color
RYB	0, 55, 92
Decimal	23614
CIELab	33.99, -31.98, 10.70
CIELCh	34, 33.725, 161.506
Yxy	8.0021, 0.2531, 0.4313
Android (android.graphics.Color)	4278213694 (0xFF005C3E)
YUV	61.0720, 0.4575, -53.5601
Hunter-Lab	28.2880, -19.8676, 7.5310

Details

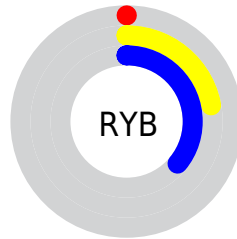
The Hex color **005C3E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C001E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **438F6E**, and **002D14** is the 20% darker color. If you saturate the color by 10%, you get **005C3E**, and if you desaturate by 10%, it is **095C41**.

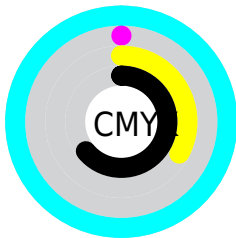
Distribution



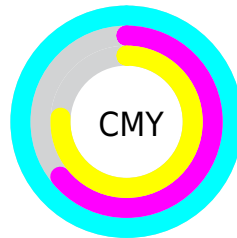
- Red (0%)
- Green (36%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005C3E 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 005C3E by changing the saturation by 10% instead.

 005C3E

 005C3E

FFFFFF

 004428

 438F6E

 002D14

 5DAA87

 001600

 78C5A1

 000000

 93E2BC

 AFFED8

 CCFFF4

 E8FFFF

 005C3E

 095C41

 125C44

 1C5C47

 255C4A

 2E5C4D

 375C50

 405C53

 4A5C56

 535C59

Harmonies

Analogous

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



385826



005C3E



005D5A

Triad

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



005C3E



324F84



7C3E2E

Complementary

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



005C3E



5C001E

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.



813847



005C3E



5F4578

Square

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



005C3E



005782



783B62



6C491C

Rectangle

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



005C3E



005D6B



783B62



7F3C35

Sweetspot

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



005C3E



54786C



1F5C00



273D36



BDBDBD



3D3D3D

Same Dimension

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



005C3E



007851



004D5C



292E2C



006E4A



00EDA0

Inverse Universe

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



5C001E



780027



5C0F00



2E292B



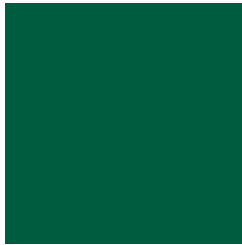
6E0024



ED004D

Previews

White Background



This preview shows how the Hex color 005C3E looks on a white background.

Color Contrast Check

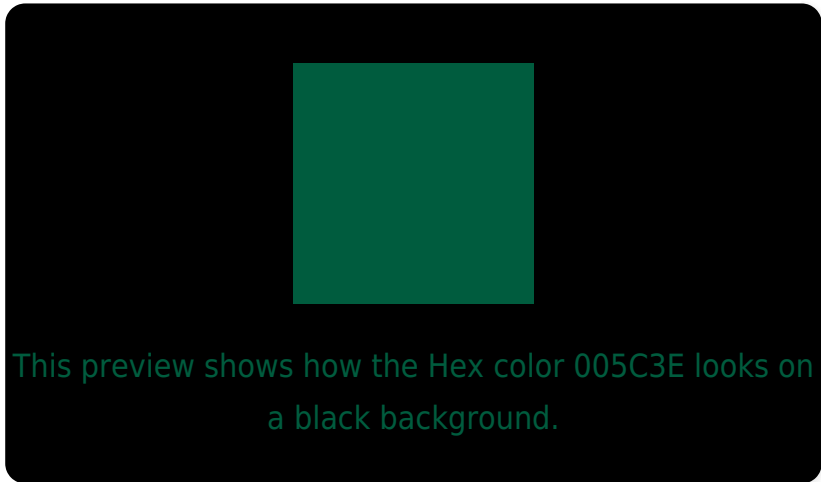
Large Text (above 18pt) WCAG AA ✓ Pass

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

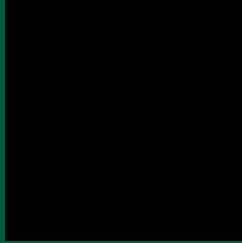
Any Text WCAG AA × Fail

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 005C3E Background



This preview shows how black text looks on a background with the Hex color 005C3E.



This preview shows how white text looks on a background with the Hex color 005C3E.

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
005C3E

Protanopia
565039

Deuteranopia
5D4D41

Trichromacy



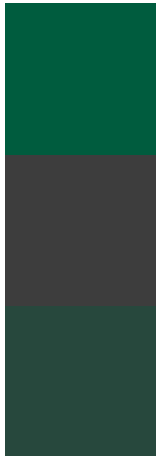
Original Color
005C3E

Protanomaly
37543B

Deuteranomaly
3B5240

Tritanomaly
145953

Monochromacy



Original Color
005C3E

Achromatopsia
3D3D3D

Achromatomaly
27483D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C3E 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 #005C3E looks like.

```
.text, #text, p{  
    color:#005C3E  
}
```

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 #005C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C3E
}
```

Border

The CSS property to change the border of an element to Hex 005C3E 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
#005C3E }
```

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

```
.border{ border-color:#005C3E }
```

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

Here you see how a box with a 4 pixel #005C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C3E; -webkit-box-shadow:4px 4px  
4px 4px #005C3E; box-shadow:4px 4px 4px  
4px #005C3E }
```

Background

The CSS property to change the background color of an element to Hex 005C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C3E }
```

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

```
.background{ background-color:#005C3E }
```

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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