

Converting Colors

Hex(005E45)

Have a look what the booklet for
Hex(005E45) contains.

Hex(005E45)	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(005E45)

Conversions

Conversions Part 1

Format	Color
Hex	005E45
RGB	0, 94, 69
RGB Percent	0%, 37%, 27%
CMY	1.0000, 0.6314, 0.7294
CMYK	1.00, 0.00, 0.27, 0.63
HSL	164°, 100%, 18%
HSV	164°, 100%, 37%
XYZ	5.0769, 8.4351, 6.9908
YIQ	63.0440, -47.9990, -27.7030

Conversions

Conversions Part 2

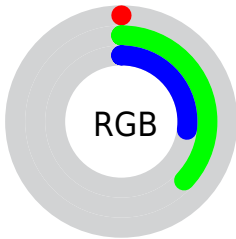
Format	Color
RYB	0, 54, 94
Decimal	24133
CIELab	34.87, -30.98, 7.63
CIELCh	35, 31.903, 166.168
Yxy	8.4351, 0.2476, 0.4114
Android (android.graphics.Color)	4278214213 (0xFF005E45)
YUV	63.0440, 2.9363, -55.2896
Hunter-Lab	29.0432, -19.6230, 6.0590

Details

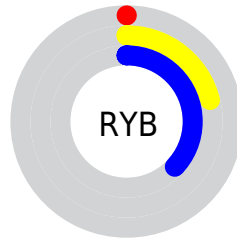
The Hex color **005E45** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E0019**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **449175**, and **002F1A** is the 20% darker color. If you saturate the color by 10%, you get **005E45**, and if you desaturate by 10%, it is **095E48**.

Distribution



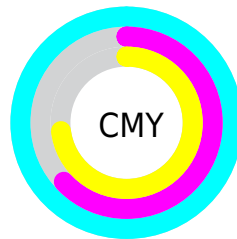
- Red (0%)
- Green (37%)
- Blue (27%)



- Red (0%)
- Yellow (21%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005E45 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 005E45 by changing the saturation by 10% instead.

 005E45

 005E45

FFFFFF

 00462F


 449175

 002F1A

 5EAC8F

 001A00

 79C8A9

 000000

 95E4C5

 B1FFE0

 CDFFFD

 EAFFFF

 005E45

 095E48

 135E4A

 1C5E4D

 265E4F

 2F5E52

 385E54

 425E57

 4B5E59

 555E5C

Harmonies

Analogous

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



365B2D



005E45



005F5F

Triad

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



005E45



405083



7B432E

Complementary

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



005E45



5E0019

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.



823D45



005E45



654675

Square

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



005E45



005883



7B3E5F



6B4C1F

Rectangle

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



005E45



005E6F



7B3E5F



7F4035

Sweetspot

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



005E45



567A71



195E00



273D37



BDBDBD



3D3D3D

Same Dimension

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



005E45



007A5A



00485E



292E2D



006E50



00EDAE

Inverse Universe

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



5E0019



7A0021



5E1600



2E292B



6E001D



ED003F

Previews

White Background



This preview shows how the Hex color 005E45 looks on a white background.

Color Contrast Check

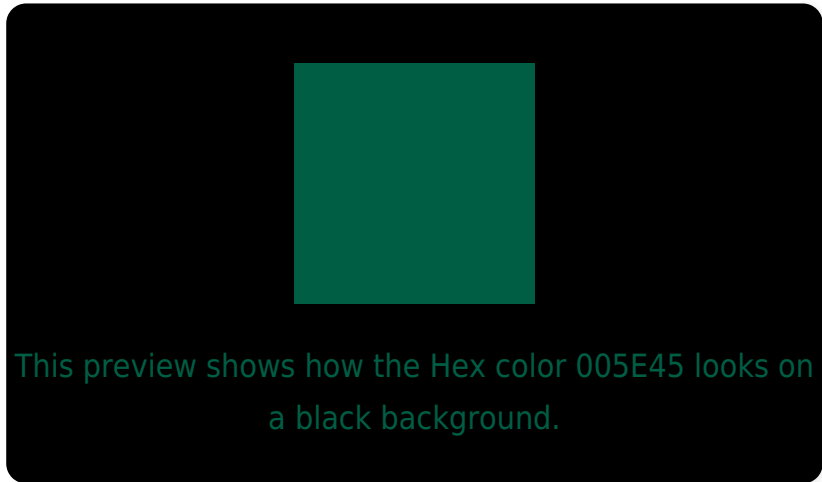
Large Text (above 18pt) WCAG AA ✓ Pass

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

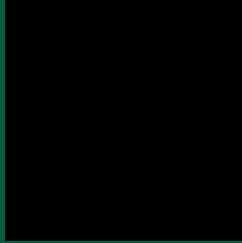
Any Text WCAG AA × Fail

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 005E45 Background



This preview shows how black text looks on a background with the Hex color 005E45.



This preview shows how white text looks on a background with the Hex color 005E45.

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
005E45

Protanopia
58523F

Deuteranopia
5E4F48



Tritanopia
1F5A62

Trichromacy



Original Color
005E45

Protanomaly
385641

Deuteranomaly
3C5447

Tritanomaly
145B57

Monochromacy



Original Color
005E45

Achromatopsia
3F3F3F

Achromatomaly
284A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 005E45 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 #005E45 looks like.

```
.text, #text, p{  
    color:#005E45  
}
```

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 #005E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E45
}
```

Border

The CSS property to change the border of an element to Hex 005E45 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
#005E45 }
```

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

```
.border{ border-color:#005E45 }
```

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

Here you see how a box with a 4 pixel #005E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E45; -webkit-box-shadow:4px 4px  
4px 4px #005E45; box-shadow:4px 4px 4px  
4px #005E45 }
```

Background

The CSS property to change the background color of an element to Hex 005E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E45 }
```

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

```
.background{ background-color:#005E45 }
```

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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