

Converting Colors

Hex(005F44)

Have a look what the booklet for
Hex(005F44) contains.

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Color

Hex(005F44)

Conversions

Conversions Part 1

Format	Color
Hex	005F44
RGB	0, 95, 68
RGB Percent	0%, 37%, 27%
CMY	1.0000, 0.6275, 0.7333
CMYK	1.00, 0.00, 0.28, 0.63
HSL	163°, 100%, 19%
HSV	163°, 100%, 37%
XYZ	5.1356, 8.6018, 6.8585
YIQ	63.5170, -47.9530, -28.5370

Conversions

Conversions Part 2

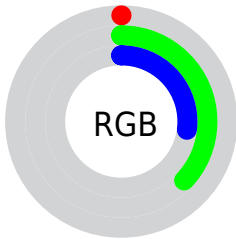
Format	Color
RYB	0, 55, 95
Decimal	24388
CIELab	35.21, -31.69, 8.71
CIELCh	35, 32.865, 164.632
Yxy	8.6018, 0.2494, 0.4176
Android (android.graphics.Color)	4278214468 (0xFF005F44)
YUV	63.5170, 2.2101, -55.7044
Hunter-Lab	29.3288, -20.0692, 6.6653

Details

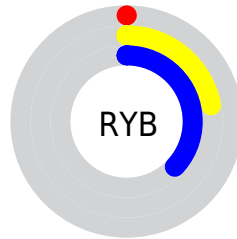
The Hex color **005F44** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F001B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **449274**, and **003019** is the 20% darker color. If you saturate the color by 10%, you get **005F44**, and if you desaturate by 10%, it is **095F47**.

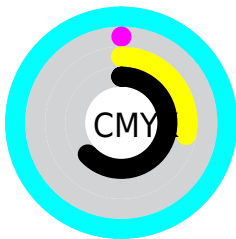
Distribution



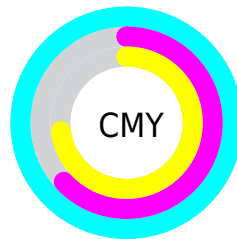
- Red (0%)
- Green (37%)
- Blue (27%)



- Red (0%)
- Yellow (22%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (63%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005F44 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 005F44 by changing the saturation by 10% instead.

 005F44

 005F44

FFFFFF

 00472E

 449274

 003019

 5FAD8E

 001B00

 7AC9A8

 000000

 95E5C3

 B1FFDF

 CDFFFC

 EAFFFF

 005F44

■ 095F47

■ 135F49

■ 1D5F4C

■ 265F4F

■ 305F52

■ 395F54

■ 435F57

■ 4C5F5A

■ 565F5C

Harmonies

Analogous

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



385C2C



005F44



00605F

Triad

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



005F44



3D5186



7E432F

Complementary

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



005F44



5F001B

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.



843C47



005F44



654778

Square

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



005F44



005985



7C3E61



6D4D1F

Rectangle

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



005F44



005F70



7C3E61



814036

Sweetspot

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



005F44



567A70



1D5F00



273D37



BDBDBD



3D3D3D

Same Dimension

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



005F44



007A58



004C5F



2C302F



007050



00F0AC

Inverse Universe

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



5F001B



7A0023



5F1300



302C2D



700020



F00044

Previews

White Background



This preview shows how the Hex color 005F44 looks on a white background.

Color Contrast Check

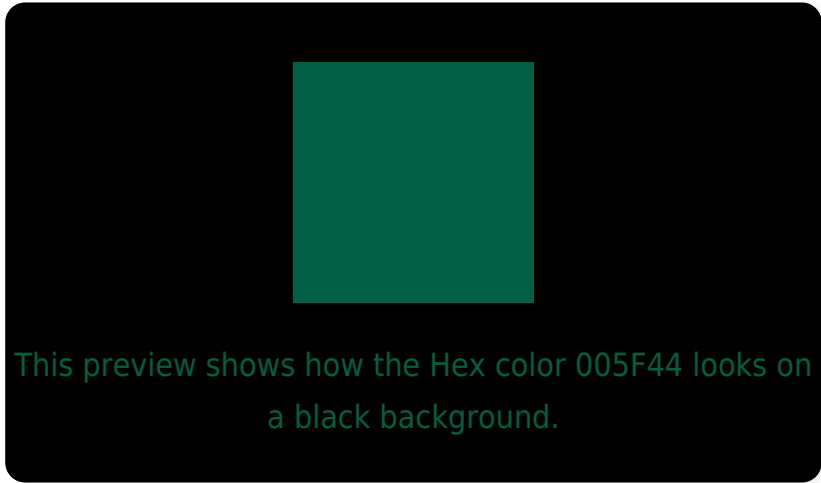
Large Text (above 18pt) WCAG AA ✓ Pass

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 005F44 Background



This preview shows how black text looks on a background with the Hex color 005F44.

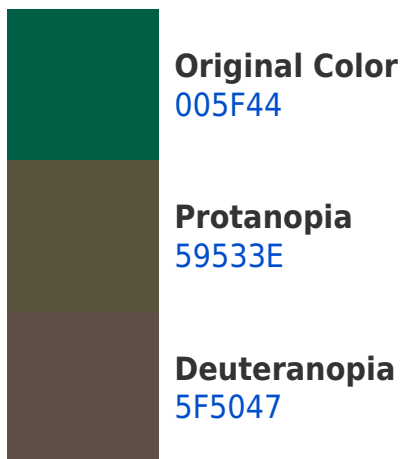


This preview shows how white text looks on a background with the Hex color 005F44.

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
1F5B62

Trichromacy



Original Color
005F44

Protanomaly
395740

Deuteranomaly
3C5546

Tritanomaly
145C57

Monochromacy



Original Color
005F44

Achromatopsia
404040

Achromatomaly
294B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 005F44 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 #005F44 looks like.

```
.text, #text, p{  
    color:#005F44  
}
```

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 #005F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F44
}
```

Border

The CSS property to change the border of an element to Hex 005F44 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
#005F44 }
```

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

```
.border{ border-color:#005F44 }
```

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

Here you see how a box with a 4 pixel #005F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F44; -webkit-box-shadow:4px 4px  
4px 4px #005F44; box-shadow:4px 4px 4px  
4px #005F44 }
```

Background

The CSS property to change the background color of an element to Hex 005F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F44 }
```

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

```
.background{ background-color:#005F44 }
```

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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