

Converting Colors

Hex(005F3A)

Have a look what the booklet for
Hex(005F3A) contains.

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Color

Hex(005F3A)

Conversions

Conversions Part 1

Format	Color
Hex	005F3A
RGB	0, 95, 58
RGB Percent	0%, 37%, 23%
CMY	1.0000, 0.6275, 0.7725
CMYK	1.00, 0.00, 0.39, 0.63
HSL	157°, 100%, 19%
HSV	157°, 100%, 37%
XYZ	4.8559, 8.4899, 5.3858
YIQ	62.3770, -44.7430, -31.6470

Conversions

Conversions Part 2

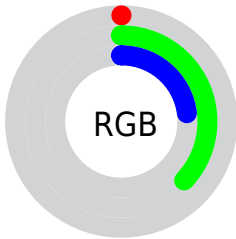
Format	Color
RYB	0, 59, 95
Decimal	24378
CIELab	34.98, -34.22, 14.49
CIELCh	35, 37.163, 157.059
Yxy	8.4899, 0.2592, 0.4532
Android (android.graphics.Color)	4278214458 (0xFF005F3A)
YUV	62.3770, -2.1579, -54.7046
Hunter-Lab	29.1374, -21.2424, 9.4370

Details

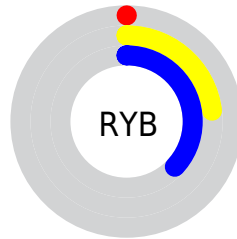
The Hex color **005F3A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F0025**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **439269**, and **002F0F** is the 20% darker color. If you saturate the color by 10%, you get **005F3A**, and if you desaturate by 10%, it is **095F3E**.

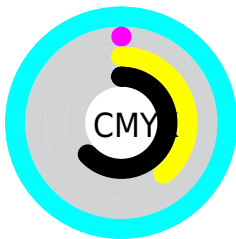
Distribution



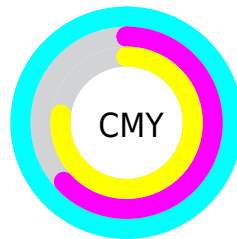
- Red (0%)
- Green (37%)
- Blue (23%)



- Red (0%)
- Yellow (23%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005F3A 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 005F3A by changing the saturation by 10% instead.

 005F3A

 005F3A

FFFFFF

 004724

 439269

 002F0F

 5EAD83

 001A00

 79C99D

 000000

 95E5B8

 B1FFD3

 CDFFF0

 EAFFFF

 005F3A

■ 095F3E

■ 135F41

■ 1D5F45

■ 265F49

■ 305F4D

■ 395F50

■ 435F54

■ 4C5F58

■ 565F5B

Harmonies

Analogous

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



3C5B20



005F3A



006159

Triad

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



005F3A



22538D



853D30

Complementary

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



005F3A



5F0025

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.



88374C



005F3A



5D4782

Square

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



005F3A



005C89



7C3C6A



74481A

Rectangle

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



005F3A



00606C



7C3C6A



873A39

Sweetspot

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



005F3A



567A6C



265F00



273D35



BDBDBD



3D3D3D

Same Dimension

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



005F3A



007A4B



00555F



2C302F



007045



00F092

Inverse Universe

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



5F0025



7A0030



5F0900



302C2D



70002C



F0005D

Previews

White Background



This preview shows how the Hex color 005F3A looks on a white background.

Color Contrast Check

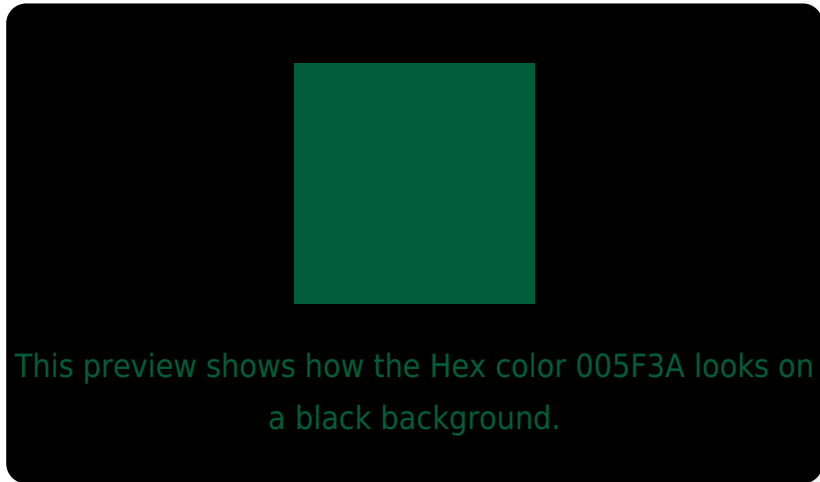
Large Text (above 18pt) WCAG AA ✓ Pass

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

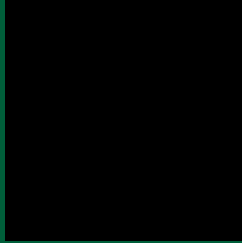
Any Text WCAG AA × Fail

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 005F3A Background



This preview shows how black text looks on a background with the Hex color 005F3A.



This preview shows how white text looks on a background with the Hex color 005F3A.

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
005F3A

Protanopia
5A5235

Deuteranopia
614F3E



Tritanopia
225A62

Trichromacy



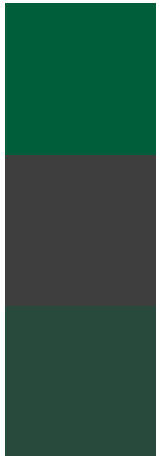
Original Color
005F3A

Protanomaly
395737

Deuteranomaly
3E553D

Tritanomaly
165C53

Monochromacy



Original Color
005F3A

Achromatopsia
3E3E3E

Achromatomaly
274A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005F3A 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 #005F3A looks like.

```
.text, #text, p{  
    color:#005F3A  
}
```

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 #005F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F3A
}
```

Border

The CSS property to change the border of an element to Hex 005F3A 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
#005F3A }
```

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

```
.border{ border-color:#005F3A }
```

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

Here you see how a box with a 4 pixel #005F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F3A; -webkit-box-shadow:4px 4px  
4px 4px #005F3A; box-shadow:4px 4px 4px  
4px #005F3A }
```

Background

The CSS property to change the background color of an element to Hex 005F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F3A }
```

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

```
.background{ background-color:#005F3A }
```

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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