

Converting Colors

Hex(03946C)

Have a look what the booklet for
Hex(03946C) contains.

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Color

Hex(03946C)

Conversions

Conversions Part 1

Format	Color
Hex	03946C
RGB	3, 148, 108
RGB Percent	1%, 58%, 42%
CMY	0.9882, 0.4196, 0.5765
CMYK	0.98, 0.00, 0.27, 0.42
HSL	163°, 96%, 30%
HSV	163°, 98%, 58%
XYZ	13.3342, 22.2819, 17.7854
YIQ	100.0850, -73.5800, -43.1800

Conversions

Conversions Part 2

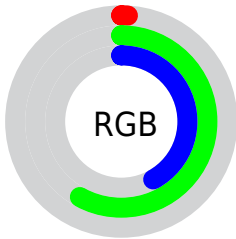
Format	Color
RYB	3, 87, 148
Decimal	234604
CIELab	54.32, -43.32, 11.92
CIELCh	54, 44.930, 164.613
Yxy	22.2819, 0.2497, 0.4173
Android (android.graphics.Color)	4278424684 (0xFF03946C)
YUV	100.0850, 3.9021, -85.1435
Hunter-Lab	47.2037, -32.1833, 10.7033

Details

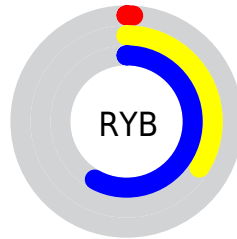
The Hex color **03946C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **94032B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CB9F**, and **00603C** is the 20% darker color. If you saturate the color by 10%, you get **00946B**, and if you desaturate by 10%, it is **129470**.

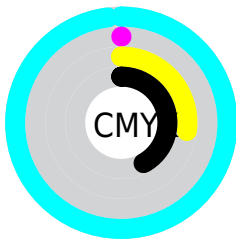
Distribution



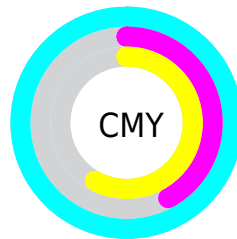
- Red (1%)
- Green (58%)
- Blue (42%)



- Red (1%)
- Yellow (34%)
- Blue (58%)



- Cyan (98%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (99%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03946C 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 03946C by changing the saturation by 10% instead.

 03946C

 03946C

FFFFFF

 007A54

 56CB9F

 00603C

 74E8BA

 004727

 91FFD6

 003012

 AEFFF3

 001800

 CBFFFF

 000000

 E9FFFF

 03946C

 03946C

 00946B

 129470

 219474

 2F9478

 3E947C

 4D9480

 5C9484

 6B9489

 79948D

 889491

Harmonies

Analogous

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



5A8F48



03946C



009594

Triad

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



03946C



6180CD



C16A4D

Complementary

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



03946C



94032B

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.



CA6170



03946C



9D70B9

Square

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



03946C



008CCC



BF6398



A97935

Rectangle

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



03946C



0094AD



BF6398



C66658

Sweetspot

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



03946C



88BFB0



2C9403



3F6158



E0E0E0



616161

Same Dimension

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



03946C



00BF8A



037594



434A48



008A64



000A07

Inverse Universe

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



94032B



BF0035



942203



4A4345



8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 03946C looks on a white background.

Color Contrast Check

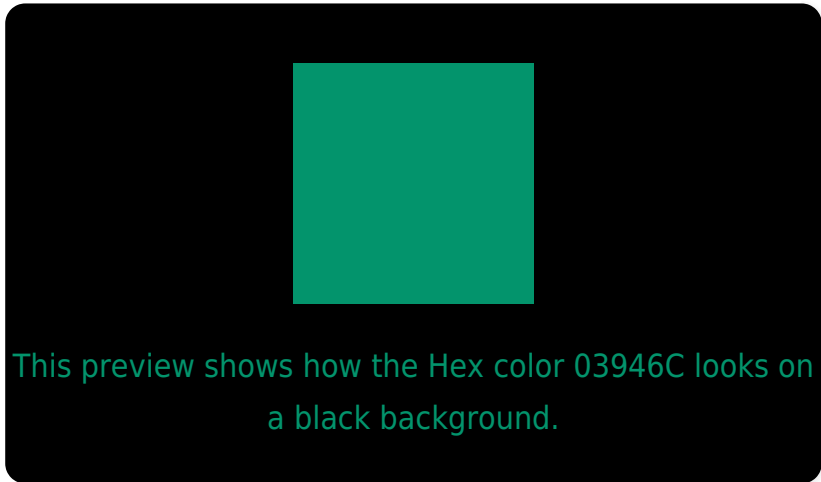
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

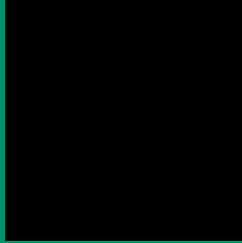
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 03946C Background



This preview shows how black text looks on a background with the Hex color 03946C.



This preview shows how white text looks on a background with the Hex color 03946C.

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
03946C

Protanopia
8A8163

Deuteranopia
937C71

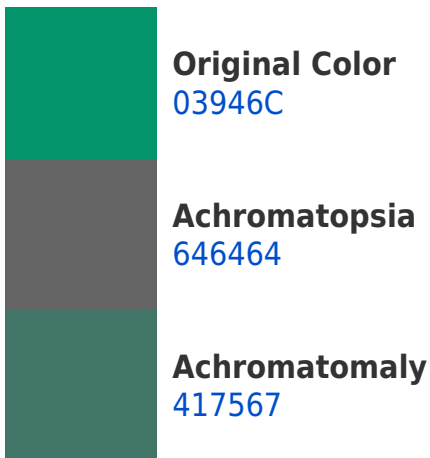


Tritanopia
308E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 03946C 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 #03946C looks like.

```
.text, #text, p{  
    color:#03946C  
}
```

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 #03946C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03946C
}
```

Border

The CSS property to change the border of an element to Hex 03946C 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
#03946C }
```

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

```
.border{ border-color:#03946C }
```

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

Here you see how a box with a 4 pixel #03946C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03946C; -webkit-box-shadow:4px 4px  
4px 4px #03946C; box-shadow:4px 4px 4px  
4px #03946C }
```

Background

The CSS property to change the background color of an element to Hex 03946C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03946C }
```

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

```
.background{ background-color:#03946C }
```

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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