

Converting Colors

Hex(04936C)

Have a look what the booklet for
Hex(04936C) contains.

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Color

Hex(04936C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 04936C |
| RGB | 4, 147, 108 |
| RGB Percent | 2%, 58%, 42% |
| CMY | 0.9843, 0.4235, 0.5765 |
| CMYK | 0.97, 0.00, 0.27, 0.42 |
| HSL | 164°, 95%, 30% |
| HSV | 164°, 97%, 58% |
| XYZ | 13.1906, 21.9760, 17.7339 |
| YIQ | 99.7970, -72.7090, -42.4450 |

Conversions

Conversions Part 2

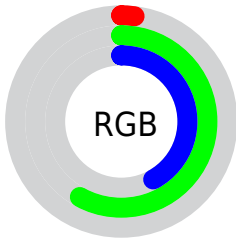
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 4, 87, 147 |
| Decimal | 299884 |
| CIELab | 54.00, -42.86, 11.47 |
| CIELCh | 54, 44.371, 165.019 |
| Yxy | 21.9760, 0.2493, 0.4154 |
| Android (android.graphics.Color) | 4278489964 (0xFF04936C) |
| YUV | 99.7970, 4.0441, -84.0140 |
| Hunter-Lab | 46.8785, -31.8115, 10.3858 |

Details

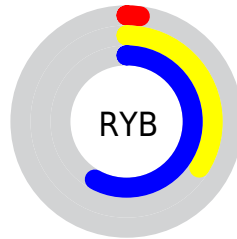
The Hex color **04936C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **93042B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CA9F**, and **005F3C** is the 20% darker color. If you saturate the color by 10%, you get **00936B**, and if you desaturate by 10%, it is **139370**.

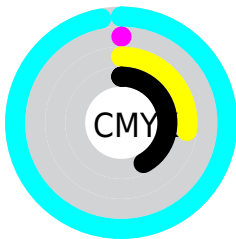
Distribution



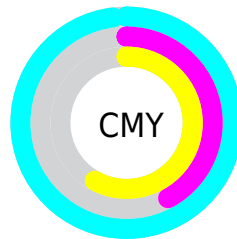
- Red (2%)
- Green (58%)
- Blue (42%)



- Red (2%)
- Yellow (34%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04936C 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 04936C by changing the saturation by 10% instead.

 04936C

 04936C

FFFFFF

 007954

 56CA9F

 005F3C

 74E6BA

 004627

 91FFD6

 002F12

 AEFFF3

 001700

 CBFFFF

 000000


 E9FFFF

 04936C

 04936C

 00936B

 139370

 219374

 309378

 3F937C

 4D9380

 5C9384

 6B9388

 7A938C

 889390

Harmonies

Analogous

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



598E49



04936C



009494

Triad

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



04936C



627FCB



C06A4D

Complementary

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



04936C



93042B

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.



C9606F



04936C



9C6FB8

Square

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



04936C



008BCB



BE6396



A77835

Rectangle

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



04936C



0093AC



BE6396



C56657

Sweetspot

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



04936C



88BFB0



2D9304



3F6158



E0E0E0



616161

Same Dimension

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



04936C



00BF8B



047493



434A48



008A64



000A07

Inverse Universe

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



93042B



BF0034



932304



4A4345



8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 04936C looks on a white background.

Color Contrast Check

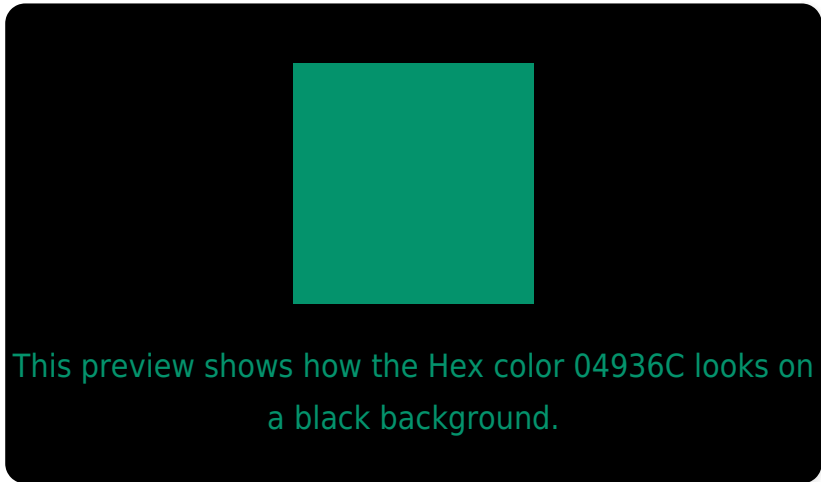
Large Text (above 18pt) WCAG AA ✓ Pass

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

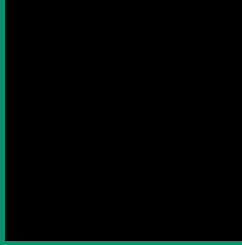
Any Text WCAG AA ✓ Pass

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 04936C Background



This preview shows how black text looks on a background with the Hex color 04936C.

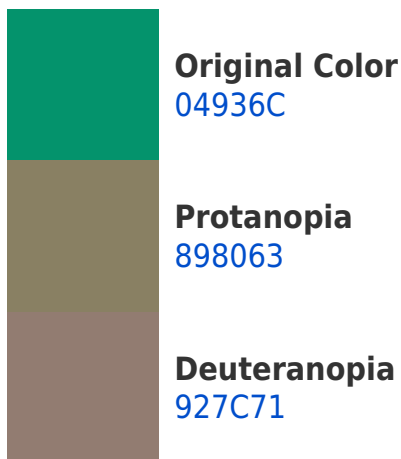


This preview shows how white text looks on a background with the Hex color 04936C.

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
308D99

Trichromacy



Original Color
04936C



Protanomaly
598766



Deuteranomaly
5E846F



Tritanomaly
208F89

Monochromacy



Original Color
04936C



Achromatopsia
646464



Achromatomaly
417567

CSS Examples

Text

The CSS property to change the color of the text to Hex 04936C 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 #04936C looks like.

```
.text, #text, p{  
    color:#04936C  
}
```

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 #04936C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04936C
}
```

Border

The CSS property to change the border of an element to Hex 04936C 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
#04936C }
```

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

```
.border{ border-color:#04936C }
```

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

Here you see how a box with a 4 pixel #04936C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04936C; -webkit-box-shadow:4px 4px  
4px 4px #04936C; box-shadow:4px 4px 4px  
4px #04936C }
```

Background

The CSS property to change the background color of an element to Hex 04936C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04936C }
```

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

```
.background{ background-color:#04936C }
```

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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