

Converting Colors

Hex(103D46)

Have a look what the booklet for
Hex(103D46) contains.

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Color

Hex(103D46)

Conversions

Conversions Part 1

Format	Color
Hex	103D46
RGB	16, 61, 70
RGB Percent	6%, 24%, 27%
CMY	0.9373, 0.7608, 0.7255
CMYK	0.77, 0.13, 0.00, 0.73
HSL	190°, 63%, 17%
HSV	190°, 77%, 27%
XYZ	2.9879, 3.8898, 6.3877
YIQ	48.5710, -29.7090, -6.7410

Conversions

Conversions Part 2

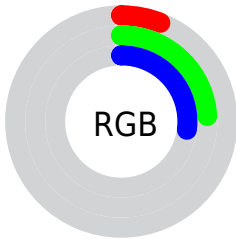
Format	Color
RYB	16, 41, 70
Decimal	1064262
CIELab	23.30, -11.61, -9.95
CIElCh	23, 15.289, 220.587
Yxy	3.8898, 0.2252, 0.2932
Android (android.graphics.Color)	4279254342 (0xFF103D46)
YUV	48.5710, 10.5645, -28.5648
Hunter-Lab	19.7227, -7.4725, -5.3967

Details

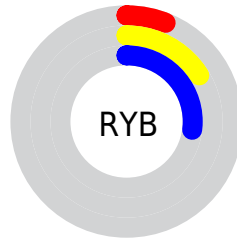
The Hex color **103D46** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **461910**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **436D76**, and **00131B** is the 20% darker color. If you saturate the color by 10%, you get **093C46**, and if you desaturate by 10%, it is **173E46**.

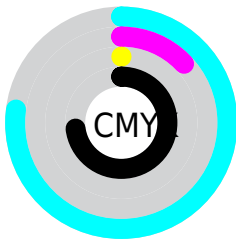
Distribution



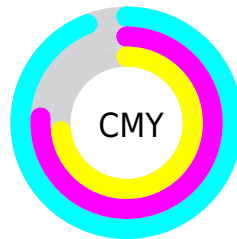
- Red (6%)
- Green (24%)
- Blue (27%)



- Red (6%)
- Yellow (16%)
- Blue (27%)



- Cyan (77%)
- Magenta (13%)
- Yellow (0%)
- Black (73%)



- Cyan (94%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103D46 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 103D46 by changing the saturation by 10% instead.

■ 103D46

■ 103D46

FFFFFF

■ 002730

■ 436D76

■ 00131B

■ 5C8690

■ 000000

■ 76A0AA

■ 91BBC6

■ ACD7E2

■ C8F3FE

■ E4FFFF

■ 103D46

■ 103D46

■ 093C46

■ 173E46

■ 023B46

■ 1E3F46

■ 003A46

■ 254046

■ 2C4246

■ 334346

■ 3A4446

■ 414546

■ 484646

■ 4F4846

Harmonies

Analogous

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



143E3B



103D46



1C3B4D

Triad

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



103D46



49303F



3B3821

Complementary

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



103D46



461910

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.



463422



103D46



4E2F34

Square

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



103D46



3E3349



4D3129



2F3B26

Rectangle

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



103D46



28394E



4D3129



3F3721

Sweetspot

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



103D46



47585C



104619



212C2E



ADADAD



2E2E2E

Same Dimension

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



103D46



064E5C



102246



202324



005363



00BDE3

Inverse Universe

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



46103D



5C064E



463410



242023



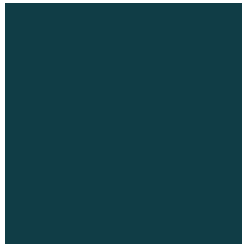
630053



E300BD

Previews

White Background



This preview shows how the Hex color 103D46 looks on a white background.

Color Contrast Check

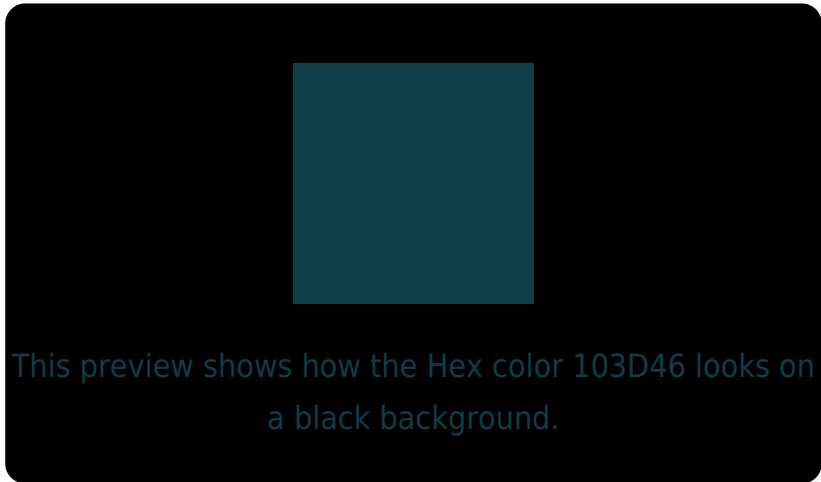
Large Text (above 18pt) WCAG AA ✓ Pass

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

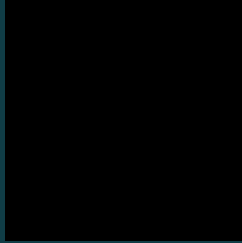
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

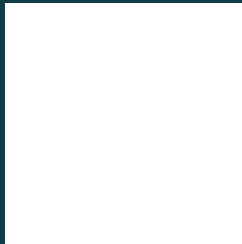
Any Text WCAG AAA × Fail

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

Hex 103D46 Background



This preview shows how black text looks on a background with the Hex color 103D46.



This preview shows how white text looks on a background with the Hex color 103D46.

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](#).

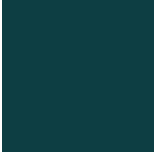
Dichromacy



Original Color
103D46

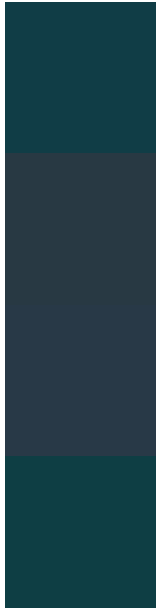
Protanopia
353742

Deuteranopia
353747



Tritanopia
0D3E43

Trichromacy



Original Color
103D46

Protanomaly
283943

Deuteranomaly
283947

Tritanomaly
0E3E44

Monochromacy



Original Color
103D46

Achromatopsia
313131

Achromatomaly
253539

CSS Examples

Text

The CSS property to change the color of the text to Hex 103D46 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 #103D46 looks like.

```
.text, #text, p{  
    color:#103D46  
}
```

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 #103D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103D46
}
```

Border

The CSS property to change the border of an element to Hex 103D46 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
#103D46 }
```

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

```
.border{ border-color:#103D46 }
```

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

Here you see how a box with a 4 pixel #103D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103D46; -webkit-box-shadow:4px 4px  
4px 4px #103D46; box-shadow:4px 4px 4px  
4px #103D46 }
```

Background

The CSS property to change the background color of an element to Hex 103D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103D46 }
```

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

```
.background{ background-color:#103D46 }
```

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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