

Converting Colors

Hex(103740)

Have a look what the booklet for
Hex(103740) contains.

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Color

Hex(103740)

Conversions

Conversions Part 1

Format	Color
Hex	103740
RGB	16, 55, 64
RGB Percent	6%, 22%, 25%
CMY	0.9373, 0.7843, 0.7490
CMYK	0.75, 0.14, 0.00, 0.75
HSL	191°, 60%, 16%
HSV	191°, 75%, 25%
XYZ	2.5053, 3.2127, 5.3386
YIQ	44.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

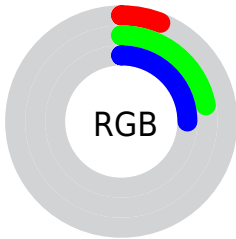
Format	Color
RYB	16, 38, 64
Decimal	1062720
CIELab	20.88, -10.15, -9.62
CIELCh	21, 13.984, 223.475
Yxy	3.2127, 0.2266, 0.2906
Android (android.graphics.Color)	4279252800 (0xFF103740)
YUV	44.3650, 9.6801, -24.8761
Hunter-Lab	17.9240, -6.4176, -5.1124

Details

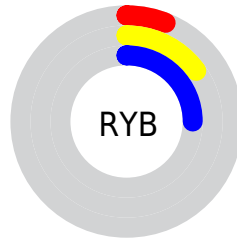
The Hex color **103740** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401910**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **426670**, and **000716** is the 20% darker color. If you saturate the color by 10%, you get **0A3640**, and if you desaturate by 10%, it is **163840**.

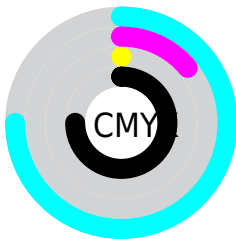
Distribution



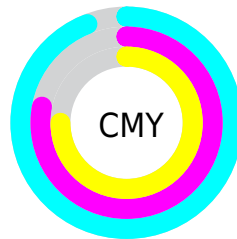
- Red (6%)
- Green (22%)
- Blue (25%)



- Red (6%)
- Yellow (15%)
- Blue (25%)



- Cyan (75%)
- Magenta (14%)
- Yellow (0%)
- Black (75%)



- Cyan (94%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103740 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 103740 by changing the saturation by 10% instead.

■ 103740

■ 103740

FEFFFF

■ 00222A

■ 426670

■ 000716

■ 5A7F89

■ 000000

■ 7499A3

■ 8EB4BE

■ A9CFDA

■ C5EBF7

■ E1FFFF

■ 103740

■ 103740

■ 0A3640

■ 163840

■ 033540

■ 1D3940

■ 003440

■ 233B40

■ 2A3C40

■ 303D40

■ 363E40

■ 3D3F40

■ 434140

■ 4A4240

Harmonies

Analogous

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



123837



103740



1C3546

Triad

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



103740



432B38



35331E

Complementary

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



103740



401910

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.



3E301F



103740



472B2E

Square

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



103740



392E41



452C25



293623

Rectangle

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



103740



263347



452C25



38321E

Sweetspot

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



103740



415154



104019



1F292B



ABABAB



2B2B2B

Same Dimension

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



103740



084654



101F40



1E2121



004F61



00B6E0

Inverse Universe

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



401037



540846



403110



211E21



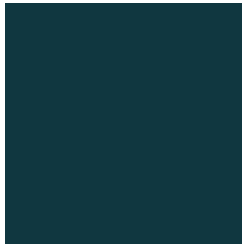
61004F



E000B6

Previews

White Background



This preview shows how the Hex color 103740 looks on a white background.

Color Contrast Check

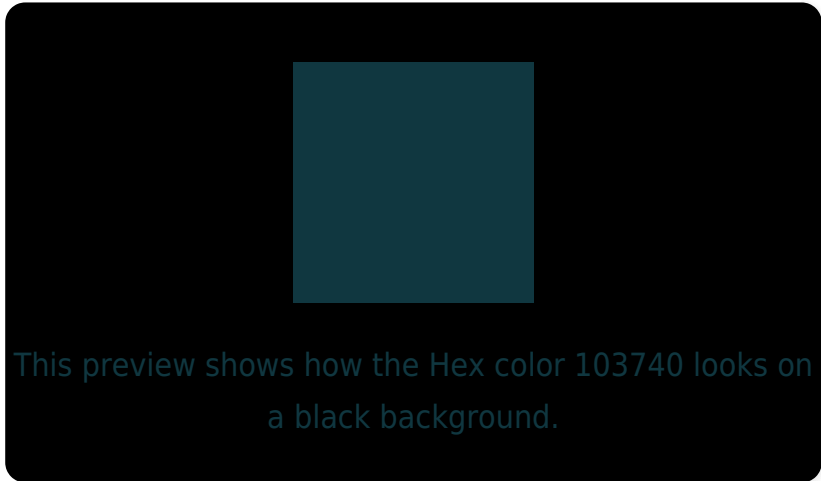
Large Text (above 18pt) WCAG AA ✓ Pass

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

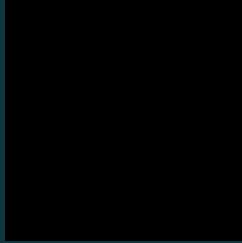
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

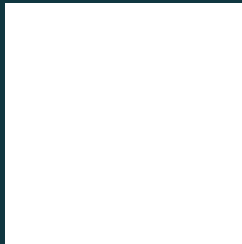
Any Text WCAG AAA × Fail

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

Hex 103740 Background



This preview shows how black text looks on a background with the Hex color 103740.



This preview shows how white text looks on a background with the Hex color 103740.

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](#).

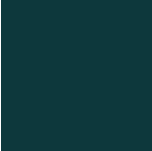
Dichromacy



Original Color
103740

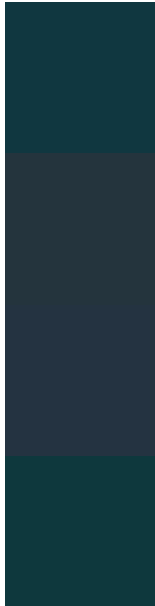
Protanopia
30323C

Deuteranopia
2F3141



Tritanopia
0D383C

Trichromacy



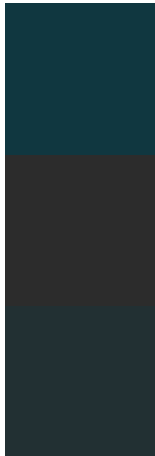
Original Color
103740

Protanomaly
24343D

Deuteranomaly
243341

Tritanomaly
0E383D

Monochromacy



Original Color
103740

Achromatopsia
2C2C2C

Achromatomaly
223033

CSS Examples

Text

The CSS property to change the color of the text to Hex 103740 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 #103740 looks like.

```
.text, #text, p{  
    color:#103740  
}
```

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 #103740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103740
}
```

Border

The CSS property to change the border of an element to Hex 103740 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".

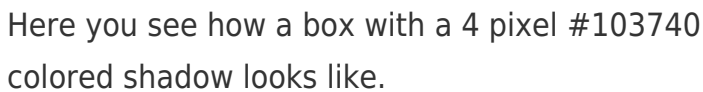
```
.border, #border, table{ border:4px solid
#103740 }
```

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

```
.border{ border-color:#103740 }
```

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

Here you see how a box with a 4 pixel #103740 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103740; -webkit-box-shadow:4px 4px  
4px 4px #103740; box-shadow:4px 4px 4px  
4px #103740 }
```

Background

The CSS property to change the background color of an element to Hex 103740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103740 }
```

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

```
.background{ background-color:#103740 }
```

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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