

Converting Colors

Hex(103647)

Have a look what the booklet for
Hex(103647) contains.

Hex(103647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(103647)

Conversions

Conversions Part 1

Format	Color
Hex	103647
RGB	16, 54, 71
RGB Percent	6%, 21%, 28%
CMY	0.9373, 0.7882, 0.7216
CMYK	0.77, 0.24, 0.00, 0.72
HSL	199°, 63%, 17%
HSV	199°, 77%, 28%
XYZ	2.6702, 3.2034, 6.4388
YIQ	44.5760, -28.1050, -2.7690

Conversions

Conversions Part 2

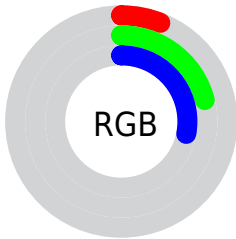
Format	Color
R _Y B	16, 38, 71
Decimal	1062471
CIE Lab	20.84, -6.80, -14.40
CIE LCh	21, 15.925, 244.727
Yxy	3.2034, 0.2169, 0.2602
Android (android.graphics.Color)	4279252551 (0xFF103647)
YUV	44.5760, 13.0270, -25.0612
Hunter-Lab	17.8981, -4.6916, -8.8008

Details

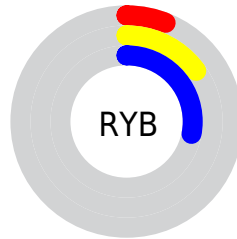
The Hex color **103647** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472110**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **436577**, and **00071C** is the 20% darker color. If you saturate the color by 10%, you get **093447**, and if you desaturate by 10%, it is **173847**.

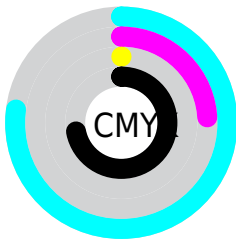
Distribution



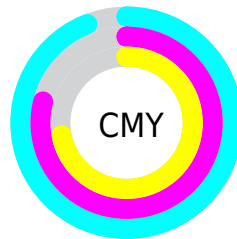
- Red (6%)
- Green (21%)
- Blue (28%)



- Red (6%)
- Yellow (15%)
- Blue (28%)



- Cyan (77%)
- Magenta (24%)
- Yellow (0%)
- Black (72%)



- Cyan (94%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103647 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 103647 by changing the saturation by 10% instead.

■ 103647

■ 103647

FFFFFF

■ 002131

■ 436577

■ 00071C

■ 5C7E91

■ 000000

■ 7597AC

■ 90B2C7

■ ABC EE3

■ C7EAFF

■ E3FFFF

■ 103647

■ 103647

■ 093447

■ 173847

■ 023247

■ 1E3A47

■ 003147

■ 253D47

■ 2C3F47

■ 334147

■ 3B4347

■ 424547

■ 494847

■ 504A47

Harmonies

Analogous

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



03383F



103647



243349

Triad

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



103647



492931



2C351E

Complementary

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



103647



472110

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.



38321B



103647



482A25

Square

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



103647



422B3C



422E1D



1D3828

Rectangle

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



103647



313047



422E1D



30341C

Sweetspot

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



103647



47555C



104721



212A2E



ADADAD



2E2E2E

Same Dimension

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



103647



06415C



101B47



202324



004563



009DE3

Inverse Universe

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



471036



5C0641



473C10



242023



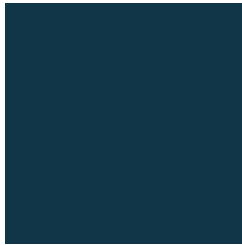
630045



E3009D

Previews

White Background



This preview shows how the Hex color 103647 looks on a white background.

Color Contrast Check

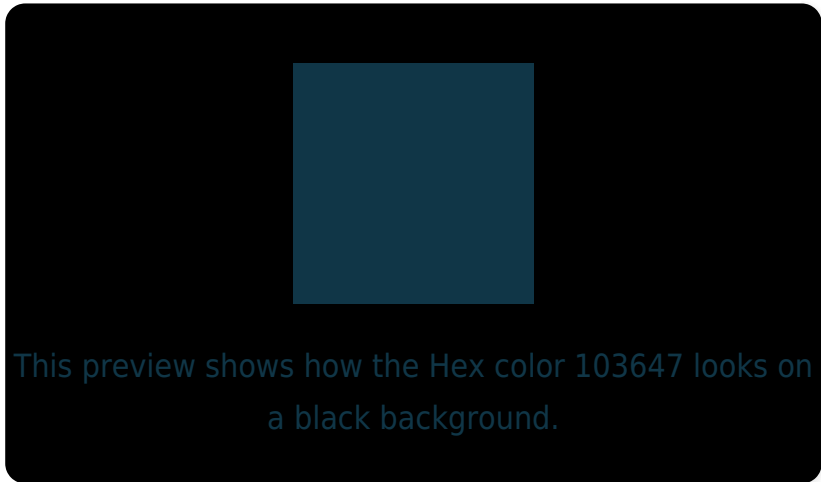
Large Text (above 18pt) WCAG AA ✓ Pass

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

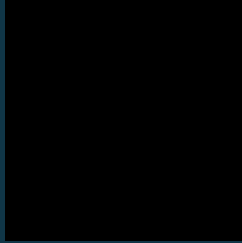
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

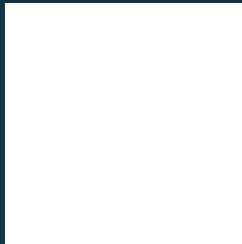
Any Text WCAG AAA × Fail

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

Hex 103647 Background



This preview shows how black text looks on a background with the Hex color 103647.



This preview shows how white text looks on a background with the Hex color 103647.

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
103647

Protanopia
2D3244

Deuteranopia
2A3248



Tritanopia
00383C

Trichromacy



Original Color
103647

Protanomaly
223345

Deuteranomaly
213348

Tritanomaly
063740

Monochromacy



Original Color
103647

Achromatopsia
2D2D2D

Achromatomaly
223036

CSS Examples

Text

The CSS property to change the color of the text to Hex 103647 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 #103647 looks like.

```
.text, #text, p{  
    color:#103647  
}
```

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 #103647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103647
}
```

Border

The CSS property to change the border of an element to Hex 103647 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".

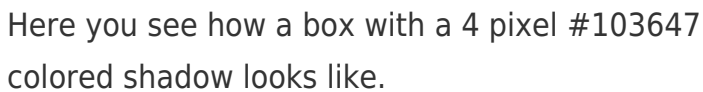
```
.border, #border, table{ border:4px solid
#103647 }
```

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

```
.border{ border-color:#103647 }
```

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

Here you see how a box with a 4 pixel #103647 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103647; -webkit-box-shadow:4px 4px  
4px 4px #103647; box-shadow:4px 4px 4px  
4px #103647 }
```

Background

The CSS property to change the background color of an element to Hex 103647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103647 }
```

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

```
.background{ background-color:#103647 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor