

Converting Colors

Hex(103C5E)

Have a look what the booklet for
Hex(103C5E) contains.

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Color

Hex(103C5E)

Conversions

Conversions Part 1

Format	Color
Hex	103C5E
RGB	16, 60, 94
RGB Percent	6%, 24%, 37%
CMY	0.9373, 0.7647, 0.6314
CMYK	0.83, 0.36, 0.00, 0.63
HSL	206°, 71%, 22%
HSV	206°, 83%, 37%
XYZ	3.8499, 4.1500, 11.1878
YIQ	50.7200, -37.1380, 1.2460

Conversions

Conversions Part 2

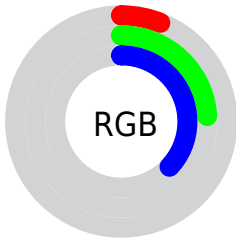
Format	Color
R_{YB}	16, 44, 94
Decimal	1064030
CIE Lab	24.16, -1.39, -24.43
CIE LCh	24, 24.471, 266.733
Yxy	4.1500, 0.2006, 0.2163
Android (android.graphics.Color)	4279254110 (0xFF103C5E)
YUV	50.7200, 21.3370, -30.4494
Hunter-Lab	20.3716, -1.9166, -18.3011

Details

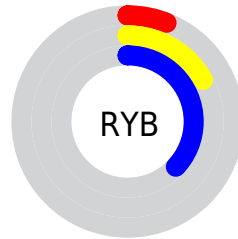
The Hex color **103C5E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E3210**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **486B91**, and **001230** is the 20% darker color. If you saturate the color by 10%, you get **07385E**, and if you desaturate by 10%, it is **19405E**.

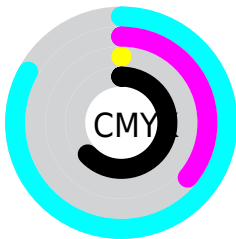
Distribution



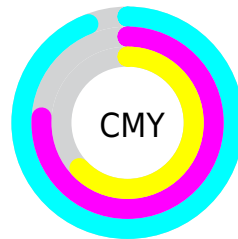
- Red (6%)
- Green (24%)
- Blue (37%)



- Red (6%)
- Yellow (17%)
- Blue (37%)



- Cyan (83%)
- Magenta (36%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103C5E 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 103C5E by changing the saturation by 10% instead.

■ 103C5E

■ 103C5E

FFFFFF

■ 002646

■ 486B91

■ 001230

■ 6284AB

■ 00011A

■ 7D9EC7

■ 000000

■ 98B9E3

■ B4D5FF

■ D0F1FF

■ EDFFFF

■ 103C5E

■ 103C5E

■ 07385E

■ 19405E

■ 00355E

■ 23445E

■ 2C485E

■ 364C5E

■ 3F505E

■ 48555E

■ 52595E

■ 5B5D5E

■ 65615E

Harmonies

Analogous

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



004058



103C5E



37355A

Triad

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



103C5E



5B2B2A



1D4124

Complementary

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



103C5E



5E3210

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.



343D17



103C5E



54311B

Square

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



103C5E



5A2A3C



463813



004337

Rectangle

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



103C5E



483153



463813



25401F

Sweetspot

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



103C5E



5C6D7A



105E32



2B353D



BDBDBD



3D3D3D

Same Dimension

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



103C5E



00457A



10155E



292C2E



003E6E



0086ED

Inverse Universe

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



5E103C



7A0045



5E5910



2E292C



6E003E



ED0086

Previews

White Background



This preview shows how the Hex color 103C5E looks on a white background.

Color Contrast Check

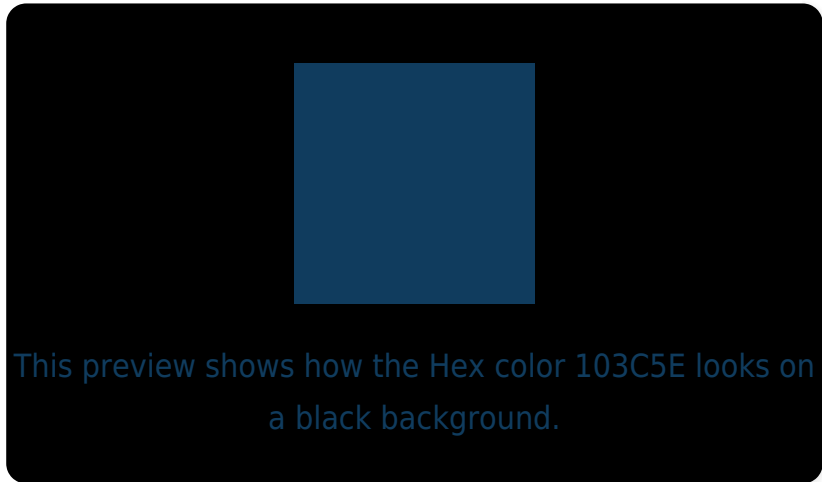
Large Text (above 18pt) WCAG AA ✓ Pass

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

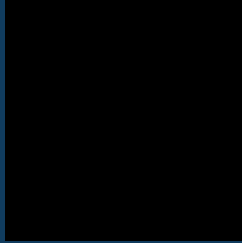
Any Text WCAG AA × Fail

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 103C5E Background



This preview shows how black text looks on a background with the Hex color 103C5E.



This preview shows how white text looks on a background with the Hex color 103C5E.

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
103C5E

Protanopia
2D385B

Deuteranopia
223A5F

Trichromacy



Original Color
103C5E

Protanomaly
22395C

Deuteranomaly
1B3B5F

Monochromacy



Original Color
103C5E

Achromatopsia
333333

Achromatomaly
263643

CSS Examples

Text

The CSS property to change the color of the text to Hex 103C5E 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 #103C5E looks like.

```
.text, #text, p{  
    color:#103C5E  
}
```

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 #103C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103C5E
}
```

Border

The CSS property to change the border of an element to Hex 103C5E 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
#103C5E }
```

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

```
.border{ border-color:#103C5E }
```

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

Here you see how a box with a 4 pixel #103C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103C5E; -webkit-box-shadow:4px 4px  
4px 4px #103C5E; box-shadow:4px 4px 4px  
4px #103C5E }
```

Background

The CSS property to change the background color of an element to Hex 103C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103C5E }
```

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

```
.background{ background-color:#103C5E }
```

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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