

Converting Colors

Hex(10623C)

Have a look what the booklet for
Hex(10623C) contains.

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Color

Hex(10623C)

Conversions

Conversions Part 1

Format	Color
Hex	10623C
RGB	16, 98, 60
RGB Percent	6%, 38%, 24%
CMY	0.9373, 0.6157, 0.7647
CMYK	0.84, 0.00, 0.39, 0.62
HSL	152°, 72%, 22%
HSV	152°, 84%, 38%
XYZ	5.3970, 9.1718, 5.7608
YIQ	69.1500, -36.6740, -29.2020

Conversions

Conversions Part 2

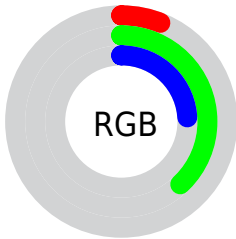
Format	Color
RYB	16, 69, 98
Decimal	1073724
CIELab	36.31, -33.31, 15.11
CIElCh	36, 36.575, 155.595
Yxy	9.1718, 0.2655, 0.4512
Android (android.graphics.Color)	4279263804 (0xFF10623C)
YUV	69.1500, -4.5109, -46.6125
Hunter-Lab	30.2849, -21.1887, 9.9212

Details

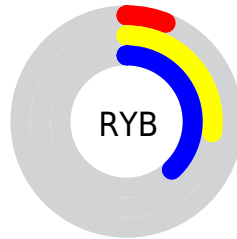
The Hex color **10623C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **621036**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4B966C**, and **003211** is the 20% darker color. If you saturate the color by 10%, you get **066237**, and if you desaturate by 10%, it is **1A6241**.

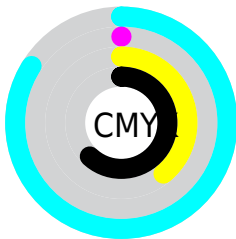
Distribution



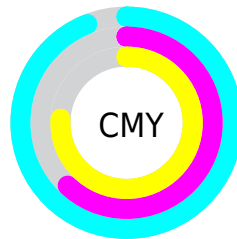
- Red (6%)
- Green (38%)
- Blue (24%)



- Red (6%)
- Yellow (27%)
- Blue (38%)



- Cyan (84%)
- Magenta (0%)
- Yellow (39%)
- Black (62%)



- Cyan (94%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10623C 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 10623C by changing the saturation by 10% instead.

 10623C

 10623C

FFFFFF

 004A26

 4B966C

 003211

 65B185

 001E00

 80CC9F

 000000

 9CE9BA

 B7FFD6

 D4FFF2

 F1FFFF

 10623C

 10623C

■ 066237

■ 1A6241

■ 006235

■ 246245

■ 2D624A

■ 37624E

■ 416253

■ 4B6257

■ 55625C

■ 5E6260

■ 686265

Harmonies

Analogous

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



425D23



10623C



00645A

Triad

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



10623C



245790



884035

Complementary

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



10623C



621036

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.



8B3B51



10623C



5E4B85

Square

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



10623C



005F8B



7D406E



794B1F

Rectangle

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



10623C



00646E



7D406E



8B3D3E

Sweetspot

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



10623C



608071



366210



2D4037



BFBFBF



404040

Same Dimension

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



10623C



008044



105F62



2C302E



00703C



00F081

Inverse Universe

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



621036



80003B



621310



302C2E



700034



F0006F

Previews

White Background



This preview shows how the Hex color 10623C looks on a white background.

Color Contrast Check

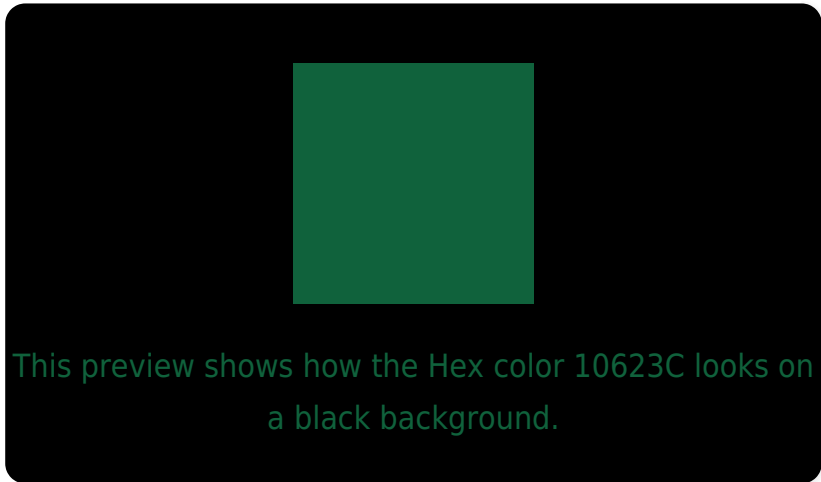
Large Text (above 18pt) WCAG AA ✓ Pass

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

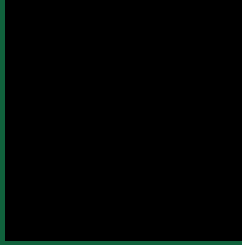
Any Text WCAG AA × Fail

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 10623C Background



This preview shows how black text looks on a background with the Hex color 10623C.



This preview shows how white text looks on a background with the Hex color 10623C.

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
10623C

Protanopia
5D5537

Deuteranopia
645240



Tritanopia
265D65

Trichromacy



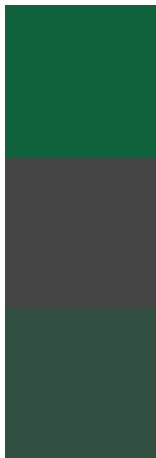
Original Color
10623C

Protanomaly
415A39

Deuteranomaly
45583F

Tritanomaly
1E5F56

Monochromacy



Original Color
10623C

Achromatopsia
454545

Achromatomaly
325042

CSS Examples

Text

The CSS property to change the color of the text to Hex 10623C 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 #10623C looks like.

```
.text, #text, p{  
    color:#10623C  
}
```

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 #10623C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10623C
}
```

Border

The CSS property to change the border of an element to Hex 10623C 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
#10623C }
```

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

```
.border{ border-color:#10623C }
```

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

Here you see how a box with a 4 pixel #10623C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10623C; -webkit-box-shadow:4px 4px  
4px 4px #10623C; box-shadow:4px 4px 4px  
4px #10623C }
```

Background

The CSS property to change the background color of an element to Hex 10623C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10623C }
```

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

```
.background{ background-color:#10623C }
```

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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