

Converting Colors

Hex(07123B)

Have a look what the booklet for
Hex(07123B) contains.

Hex(07123B)	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>	28

Color

Hex(07123B)

Conversions

Conversions Part 1

Format	Color
Hex	07123B
RGB	7, 18, 59
RGB Percent	3%, 7%, 23%
CMY	0.9725, 0.9294, 0.7686
CMYK	0.88, 0.69, 0.00, 0.77
HSL	227°, 79%, 13%
HSV	227°, 88%, 23%
XYZ	1.0933, 0.7936, 4.2332
YIQ	19.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

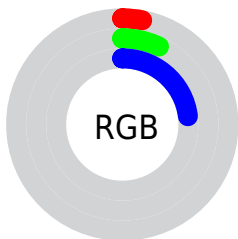
Format	Color
R_{YB}	7, 16, 59
Decimal	463419
CIE Lab	7.17, 13.01, -27.81
CIE LCh	7, 30.700, 295.067
Yxy	0.7936, 0.1786, 0.1297
Android (android.graphics.Color)	4278653499 (0xFF07123B)
YUV	19.3850, 19.5302, -10.8616
Hunter-Lab	8.9081, 6.3190, -21.9394

Details

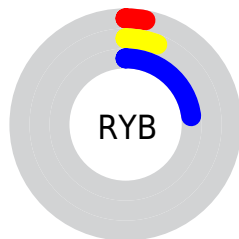
The Hex color **07123B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B3007**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3A3C6B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **010D3B**, and if you desaturate by 10%, it is **0D173B**.

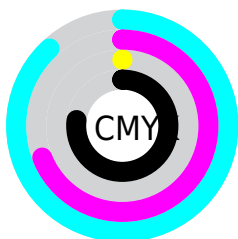
Distribution



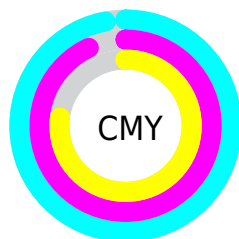
- Red (3%)
- Green (7%)
- Blue (23%)



- Red (3%)
- Yellow (6%)
- Blue (23%)



- Cyan (88%)
- Magenta (69%)
- Yellow (0%)
- Black (77%)



- Cyan (97%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07123B 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 07123B by changing the saturation by 10% instead.

07123B

07123B

F5F1FF

000225

3A3C6B

00010D

535384

000000

6C6B9F

8684BA

A19ED5

BCB9F2

D9D5FF

07123B

07123B

■ 010D3B

■ 0D173B

■ 000C3B

■ 131B3B

■ 19203B

■ 1F253B

■ 25293B

■ 2A2E3B

■ 30333B

■ 36373B

■ 3C3C3B

Harmonies

Analogous

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



001A3F



07123B



2A052D

Triad

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



07123B



2E0A00



002111

Complementary

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



07123B



3B3007

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.



001F00



07123B



201400

Square

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



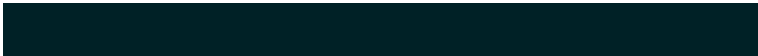
07123B



380000



061B00



002126

Rectangle

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



07123B



340021



061B00



002006

Sweetspot

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



07123B



393D4D



073B30



1A1D26



A6A6A6



262626

Same Dimension

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



07123B



00104D



16073B



1C1C1F



00145E



002FDE

Inverse Universe

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



3B0712



4D0010



2C3B07



1F1C1C



5E0014



DE002F

Previews

White Background



This preview shows how the Hex color 07123B looks on a white background.

Color Contrast Check

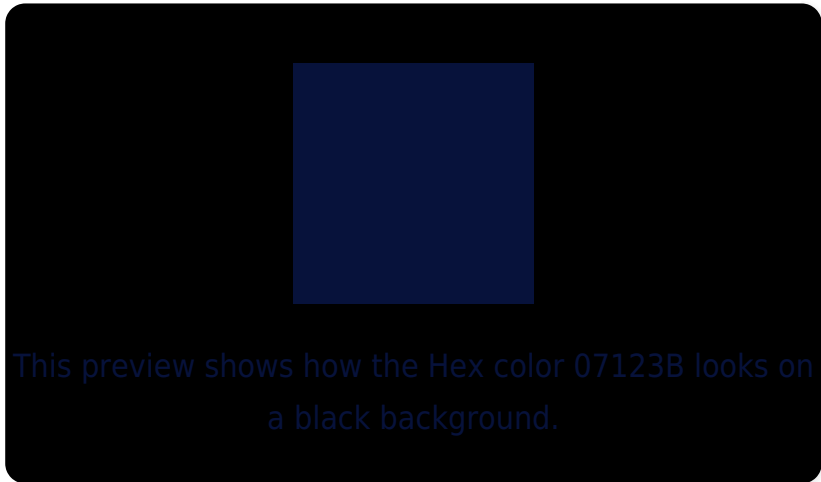
Large Text (above 18pt) WCAG AA ✓ Pass

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

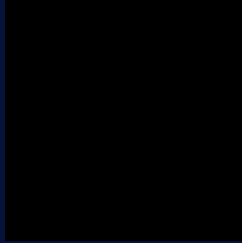
Any Text WCAG AA × Fail

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 07123B Background



This preview shows how black text looks on a background with the Hex color 07123B.



This preview shows how white text looks on a background with the Hex color 07123B.

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
07123B

Deuteranopia
001828

Tritanopia
001A1B

Trichromacy



Original Color
07123B

Deuteranomaly
03162F

Tritanomaly
031727

Monochromacy



Original Color
07123B

Achromatopsia
131313

Achromatomaly
0F1322

CSS Examples

Text

The CSS property to change the color of the text to Hex 07123B 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 #07123B looks like.

```
.text, #text, p{  
    color:#07123B  
}
```

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 #07123B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07123B
}
```

Border

The CSS property to change the border of an element to Hex 07123B 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
#07123B }
```

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

```
.border{ border-color:#07123B }
```

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

Here you see how a box with a 4 pixel #07123B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07123B; -webkit-box-shadow:4px 4px  
4px 4px #07123B; box-shadow:4px 4px 4px  
4px #07123B }
```

Background

The CSS property to change the background color of an element to Hex 07123B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07123B }
```

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

```
.background{ background-color:#07123B }
```

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