

Converting Colors

Hex(07153B)

Have a look what the booklet for
Hex(07153B) contains.

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Color

Hex(07153B)

Conversions

Conversions Part 1

Format	Color
Hex	07153B
RGB	7, 21, 59
RGB Percent	3%, 8%, 23%
CMY	0.9725, 0.9176, 0.7686
CMYK	0.88, 0.64, 0.00, 0.77
HSL	224°, 79%, 13%
HSV	224°, 88%, 23%
XYZ	1.1452, 0.8973, 4.2505
YIQ	21.1460, -20.5420, 8.8500

Conversions

Conversions Part 2

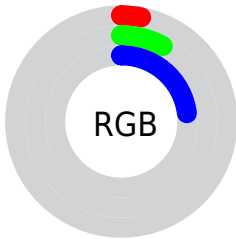
Format	Color
RYB	7, 18, 59
Decimal	464187
CIELab	8.10, 10.73, -26.29
CIELCh	8, 28.391, 292.201
Yxy	0.8973, 0.1820, 0.1426
Android (android.graphics.Color)	4278654267 (0xFF07153B)
YUV	21.1460, 18.6620, -12.4060
Hunter-Lab	9.4724, 5.0037, -19.9741

Details

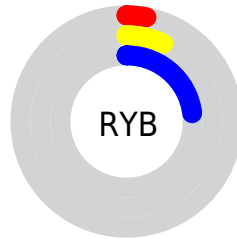
The Hex color **07153B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B2D07**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3A3F6B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **01113B**, and if you desaturate by 10%, it is **0D193B**.

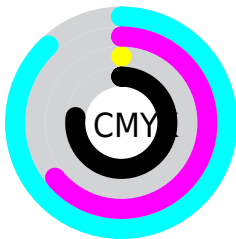
Distribution



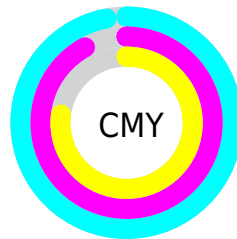
- Red (3%)
- Green (8%)
- Blue (23%)



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



- Cyan (88%)
- Magenta (64%)
- Yellow (0%)
- Black (77%)



- Cyan (97%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07153B 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 07153B by changing the saturation by 10% instead.

 07153B

 07153B

 F5F5FF

 000025

 3A3F6B

 00010E

 535684

 000000

 6C6E9E

 8688B9

 A1A2D5

 BCBDF2

 D8D9FF

 07153B

 07153B

■ 01113B

■ 0D193B

■ 00103B

■ 131E3B

■ 19223B

■ 1F263B

■ 252B3B

■ 2A2F3B

■ 30333B

■ 36373B

■ 3C3C3B

Harmonies

Analogous

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



001C3D



07153B



290A2F

Triad

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



07153B



310C00



002111

Complementary

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



07153B



3B2D07

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



07153B



231500

Square

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



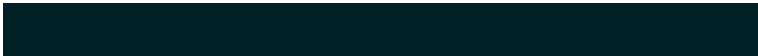
07153B



380205



101B00



002125

Rectangle

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



07153B



330324



101B00



002107

Sweetspot

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



07153B



393E4D



073B2C



1A1E26



A6A6A6



262626

Same Dimension

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



07153B



00154D



12073B



1C1C1F



00195E



003CDE

Inverse Universe

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



3B0715



4D0015



303B07



1F1C1C



5E0019



DE003C

Previews

White Background



This preview shows how the Hex color 07153B looks on a white background.

Color Contrast Check

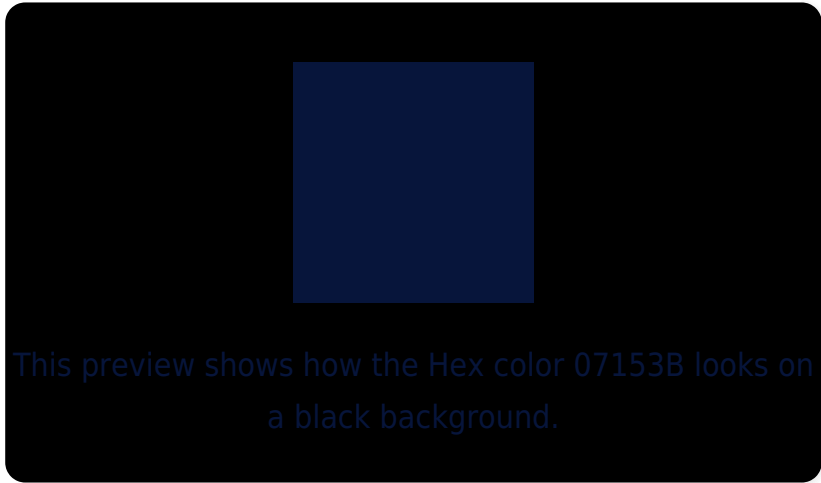
Large Text (above 18pt) WCAG AA ✓ Pass

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

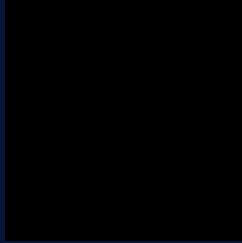
Any Text WCAG AA × Fail

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 07153B Background



This preview shows how black text looks on a background with the Hex color 07153B.



This preview shows how white text looks on a background with the Hex color 07153B.

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
07153B

Protanopia
001832

Deuteranopia
00192B



Tritanopia
001B1D

Trichromacy



Original Color
07153B

Protanomaly
031735

Deuteranomaly
031831

Tritanomaly
031928

Monochromacy



Original Color
07153B

Achromatopsia
151515

Achromatomaly
101523

CSS Examples

Text

The CSS property to change the color of the text to Hex 07153B 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 #07153B looks like.

```
.text, #text, p{  
    color:#07153B  
}
```

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 #07153B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07153B
}
```

Border

The CSS property to change the border of an element to Hex 07153B is called "border". The border property can be set on classes, ids or directly on the HTML element.

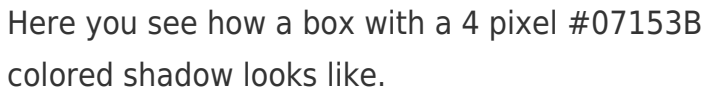
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07153B }
```

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

```
.border{ border-color:#07153B }
```

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



Here you see how a box with a 4 pixel #07153B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07153B; -webkit-box-shadow:4px 4px  
4px 4px #07153B; box-shadow:4px 4px 4px  
4px #07153B }
```

Background

The CSS property to change the background color of an element to Hex 07153B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07153B }
```

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

```
.background{ background-color:#07153B }
```

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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