

Converting Colors

Hex(09193B)

Have a look what the booklet for
Hex(09193B) contains.

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Color

Hex(09193B)

Conversions

Conversions Part 1

Format	Color
Hex	09193B
RGB	9, 25, 59
RGB Percent	4%, 10%, 23%
CMY	0.9647, 0.9020, 0.7686
CMYK	0.85, 0.58, 0.00, 0.77
HSL	221°, 74%, 13%
HSV	221°, 85%, 23%
XYZ	1.2497, 1.0691, 4.2782
YIQ	24.0920, -20.4500, 7.1820

Conversions

Conversions Part 2

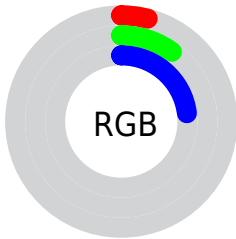
Format	Color
R_{YB}	9, 21, 59
Decimal	596283
CIE Lab	9.55, 7.86, -23.93
CIE LCh	10, 25.192, 288.189
Yxy	1.0691, 0.1894, 0.1621
Android (android.graphics.Color)	4278786363 (0xFF09193B)
YUV	24.0920, 17.2096, -13.2357
Hunter-Lab	10.3398, 3.4797, -17.2939

Details

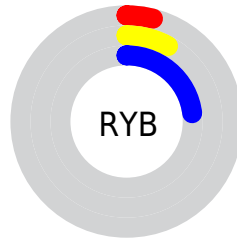
The Hex color **09193B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B2B09**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3B436B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **03153B**, and if you desaturate by 10%, it is **0F1D3B**.

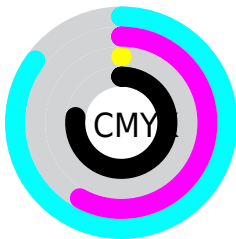
Distribution



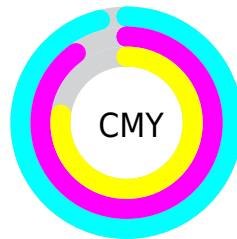
- Red (4%)
- Green (10%)
- Blue (23%)



- Red (4%)
- Yellow (8%)
- Blue (23%)



- Cyan (85%)
- Magenta (58%)
- Yellow (0%)
- Black (77%)



- Cyan (96%)
- Magenta (90%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09193B 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 09193B by changing the saturation by 10% instead.

■ 09193B

■ 09193B

■ F6FBFF

■ 000025

■ 3B436B

■ 00010E

■ 535B84

■ 000000

■ 6D739E

■ 878DB9

■ A1A7D5

■ BDC2F1

■ D9DEFF

■ 09193B

■ 09193B

■ 03153B

■ 0F1D3B

■ 00133B

■ 15213B

■ 1B253B

■ 21293B

■ 262D3B

■ 2C313B

■ 32353B

■ 38393B

■ 3E3D3B

Harmonies

Analogous

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



001F3C



09193B



281131

Triad

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



09193B



341000



002313

Complementary

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



09193B



3B2B09

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.



042000



09193B



281700

Square

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



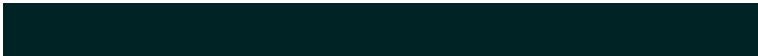
09193B



380810



191D00



002325

Rectangle

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



09193B



320B28



191D00



00220B

Sweetspot

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



09193B



393F4D



093B2A



1B1E26



A6A6A6



262626

Same Dimension

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



09193B



00184D



11093B



1C1D1F



001E5E



0047DE

Inverse Universe

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



3B0919



4D0018



333B09



1F1C1D



5E001E



DE0047

Previews

White Background



This preview shows how the Hex color 09193B looks on a white background.

Color Contrast Check

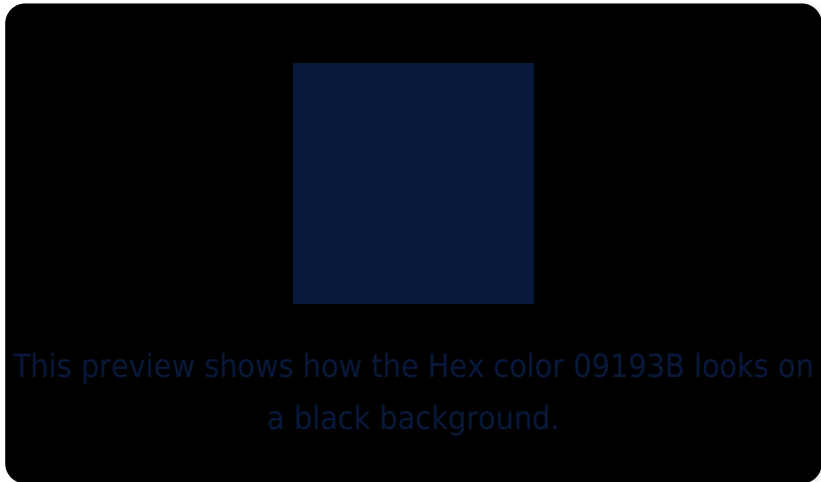
Large Text (above 18pt) WCAG AA ✓ Pass

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

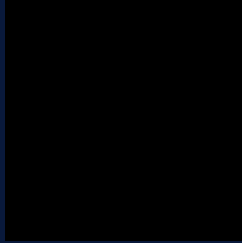
Any Text WCAG AA × Fail

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 09193B Background



This preview shows how black text looks on a background with the Hex color 09193B.



This preview shows how white text looks on a background with the Hex color 09193B.

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
09193B

Protanopia
001A38

Deuteranopia
001C30

Trichromacy



Original Color
09193B

Protanomaly
031A39

Deuteranomaly
031B34

Monochromacy



Original Color
09193B

Achromatopsia
181818

Achromatomaly
131825

CSS Examples

Text

The CSS property to change the color of the text to Hex 09193B 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 #09193B looks like.

```
.text, #text, p{  
    color:#09193B  
}
```

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 #09193B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09193B
}
```

Border

The CSS property to change the border of an element to Hex 09193B 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".

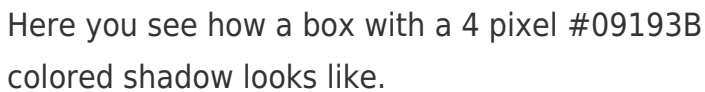
```
.border, #border, table{ border:4px solid
#09193B }
```

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

```
.border{ border-color:#09193B }
```

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

Here you see how a box with a 4 pixel #09193B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09193B; -webkit-box-shadow:4px 4px  
4px 4px #09193B; box-shadow:4px 4px 4px  
4px #09193B }
```

Background

The CSS property to change the background color of an element to Hex 09193B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09193B }
```

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

```
.background{ background-color:#09193B }
```

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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