

Converting Colors

Hex(09163C)

Have a look what the booklet for
Hex(09163C) contains.

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Color

Hex(09163C)

Conversions

Conversions Part 1

Format	Color
Hex	09163C
RGB	9, 22, 60
RGB Percent	4%, 9%, 24%
CMY	0.9647, 0.9137, 0.7647
CMYK	0.85, 0.63, 0.00, 0.76
HSL	225°, 74%, 14%
HSV	225°, 85%, 24%
XYZ	1.2152, 0.9581, 4.3959
YIQ	22.4450, -19.9460, 9.0620

Conversions

Conversions Part 2

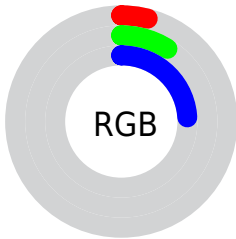
Format	Color
R_YB	9, 19, 60
Decimal	595516
CIE Lab	8.64, 10.72, -26.13
CIE LCh	9, 28.244, 292.301
Yxy	0.9581, 0.1850, 0.1459
Android (android.graphics.Color)	4278785596 (0xFF09163C)
YUV	22.4450, 18.5146, -11.7913
Hunter-Lab	9.7885, 5.0299, -19.7744

Details

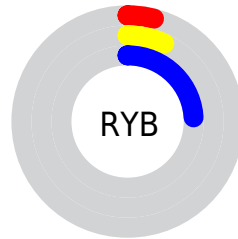
The Hex color **09163C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3C2F09**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3C406C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **03123C**, and if you desaturate by 10%, it is **0F1A3C**.

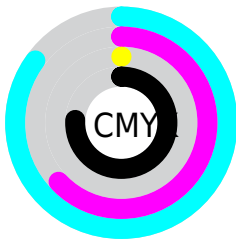
Distribution



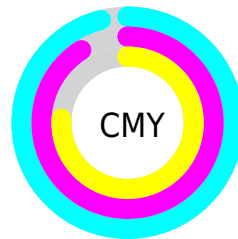
- Red (4%)
- Green (9%)
- Blue (24%)



- Red (4%)
- Yellow (7%)
- Blue (24%)



- Cyan (85%)
- Magenta (63%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09163C 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 09163C by changing the saturation by 10% instead.

■ 09163C

■ 09163C

■ F7F6FF

■ 000026

■ 3C406C

■ 00010F

■ 545785

■ 000000

■ 6D70A0

■ 8789BB

■ A2A3D6

■ BEBEF3

■ DADAFF

■ 09163C

■ 09163C

■ 03123C

■ 0F1A3C

■ 000F3C

■ 151F3C

■ 1B233C

■ 21283C

■ 272C3C

■ 2D313C

■ 33353C

■ 393A3C

■ 3F3E3C

Harmonies

Analogous

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



001D3E



09163C



2A0C30

Triad

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



09163C



320D00



002213

Complementary

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



09163C



3C2F09

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.



002000



09163C



241600

Square

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



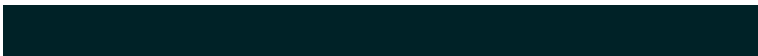
09163C



390307



121C00



002227

Rectangle

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



09163C



340425



121C00



002209

Sweetspot

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



09163C



3A404F



093C2E



1C1F29



A8A8A8



292929

Same Dimension

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



09163C



00144F



15093C



1C1C1F



00185E



0039DE

Inverse Universe

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



3C0916



4F0014



303C09



1F1C1C



5E0018



DE0039

Previews

White Background



This preview shows how the Hex color 09163C looks on a white background.

Color Contrast Check

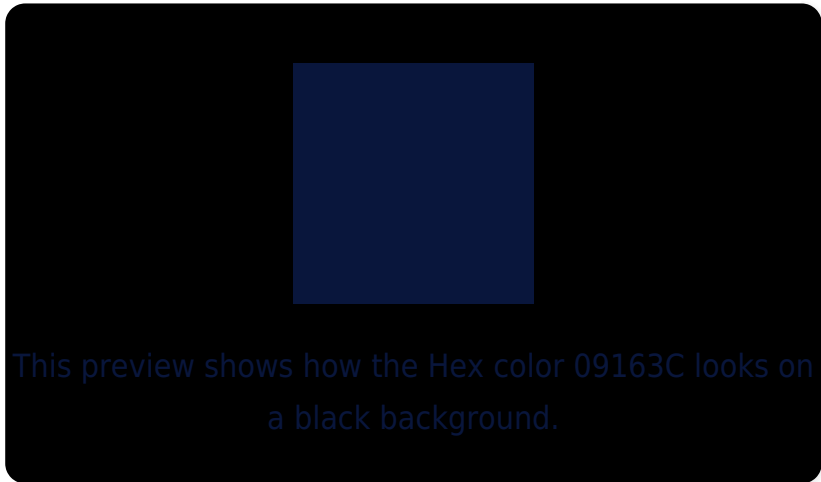
Large Text (above 18pt) WCAG AA ✓ Pass

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

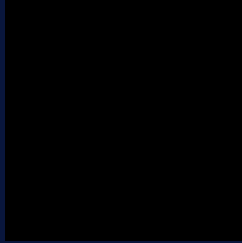
Any Text WCAG AA × Fail

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 09163C Background



This preview shows how black text looks on a background with the Hex color 09163C.



This preview shows how white text looks on a background with the Hex color 09163C.

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
09163C

Protanopia
001934

Deuteranopia
001A2D



Tritanopia
001C1E

Trichromacy



Original Color
09163C

Protanomaly
031837

Deuteranomaly
031932

Tritanomaly
031A29

Monochromacy



Original Color
09163C

Achromatopsia
161616

Achromatomaly
111624

CSS Examples

Text

The CSS property to change the color of the text to Hex 09163C 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 #09163C looks like.

```
.text, #text, p{  
    color:#09163C  
}
```

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 #09163C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09163C
}
```

Border

The CSS property to change the border of an element to Hex 09163C 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
#09163C }
```

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

```
.border{ border-color:#09163C }
```

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

Here you see how a box with a 4 pixel #09163C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09163C; -webkit-box-shadow:4px 4px  
4px 4px #09163C; box-shadow:4px 4px 4px  
4px #09163C }
```

Background

The CSS property to change the background color of an element to Hex 09163C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09163C }
```

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

```
.background{ background-color:#09163C }
```

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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