

Converting Colors

Hex(09233D)

Have a look what the booklet for
Hex(09233D) contains.

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Color

Hex(09233D)

Conversions

Conversions Part 1

Format	Color
Hex	09233D
RGB	9, 35, 61
RGB Percent	4%, 14%, 24%
CMY	0.9647, 0.8627, 0.7608
CMYK	0.85, 0.43, 0.00, 0.76
HSL	210°, 74%, 14%
HSV	210°, 85%, 24%
XYZ	1.5560, 1.5971, 4.6411
YIQ	30.1900, -23.8420, 2.5740

Conversions

Conversions Part 2

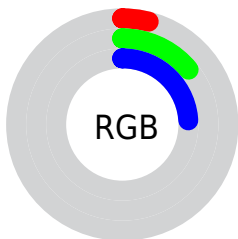
Format	Color
RYB	9, 26, 61
Decimal	598845
CIELab	13.21, 1.04, -19.50
CIELCh	13, 19.526, 273.062
Yxy	1.5971, 0.1996, 0.2049
Android (android.graphics.Color)	4278788925 (0xFF09233D)
YUV	30.1900, 15.1893, -18.5836
Hunter-Lab	12.6375, -0.1378, -12.9281

Details

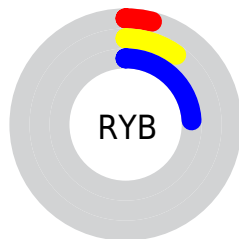
The Hex color **09233D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3D2309**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3B4F6D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **03203D**, and if you desaturate by 10%, it is **0F263D**.

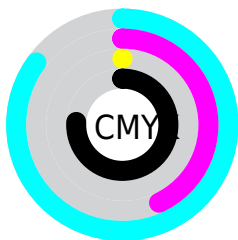
Distribution



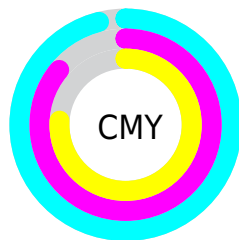
- Red (4%)
- Green (14%)
- Blue (24%)



- Red (4%)
- Yellow (10%)
- Blue (24%)



- Cyan (85%)
- Magenta (43%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09233D 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 09233D by changing the saturation by 10% instead.

09233D

09233D

F6FFFF

000D27

3B4F6D

000111

546786

000000

6D80A0

879ABB

A2B5D7

BDD0F4

D9ECFF

09233D

09233D

■ 03203D

■ 0F263D

■ 001F3D

■ 15293D

■ 1B2C3D

■ 212F3D

■ 28323D

■ 2E353D

■ 34383D

■ 3A3B3D

■ 403E3D

Harmonies

Analogous

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



00273A



09233D



241E39

Triad

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



09233D



3A1814



072815

Complementary

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



09233D



3D2309

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.



1B2507



09233D



341D06

Square

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



09233D



3B1621



292200



002923

Rectangle

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



09233D



301A32



292200



0F2711

Sweetspot

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



09233D



3A454F



093D23



1C2229



A8A8A8



292929

Same Dimension

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



09233D



00284F



09093D



1C1D1F



002F5E



006FDE

Inverse Universe

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



3D0923



4F0028



3D3D09



1F1C1D



5E002F



DE006F

Previews

White Background



This preview shows how the Hex color 09233D 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

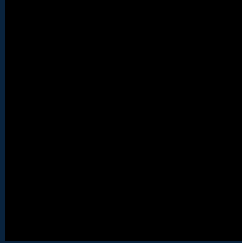
Any Text WCAG AA × Fail

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 09233D Background



This preview shows how black text looks on a background with the Hex color 09233D.



This preview shows how white text looks on a background with the Hex color 09233D.

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
09233D

Protanopia
17223C

Deuteranopia
0A233D

Trichromacy



Original Color
09233D

Protanomaly
12223C

Deuteranomaly
0A233D

Tritanomaly
032530

Monochromacy



Original Color
09233D

Achromatopsia
1E1E1E

Achromatomaly
162029

CSS Examples

Text

The CSS property to change the color of the text to Hex 09233D 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 #09233D looks like.

```
.text, #text, p{  
    color:#09233D  
}
```

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 #09233D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09233D
}
```

Border

The CSS property to change the border of an element to Hex 09233D 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
#09233D }
```

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

```
.border{ border-color:#09233D }
```

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

Here you see how a box with a 4 pixel #09233D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09233D; -webkit-box-shadow:4px 4px  
4px 4px #09233D; box-shadow:4px 4px 4px  
4px #09233D }
```

Background

The CSS property to change the background color of an element to Hex 09233D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09233D }
```

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

```
.background{ background-color:#09233D }
```

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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