

# Converting Colors

Hex(09062D)

Have a look what the booklet for  
Hex(09062D) contains.

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# Color

**Hex(09062D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09062D
RGB	9, 6, 45
RGB Percent	4%, 2%, 18%
CMY	0.9647, 0.9765, 0.8235
CMYK	0.80, 0.87, 0.00, 0.82
HSL	245°, 76%, 10%
HSV	245°, 87%, 18%
XYZ	0.6514, 0.3778, 2.5212
YIQ	11.3430, -10.7310, 12.7650

# Conversions

## Conversions Part 2

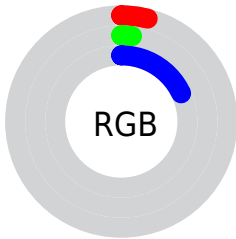
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 6, 45
Decimal	591405
CIE <sub>Lab</sub>	3.41, 11.98, -23.54
CIE <sub>LCh</sub>	3, 26.407, 296.970
Yxy	0.3778, 0.1835, 0.1064
Android (android.graphics.Color)	4278781485 (0xFF09062D)
YUV	11.3430, 16.5929, -2.0548
Hunter-Lab	6.1464, 8.1622, -20.0176

# Details

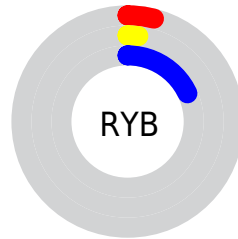
The Hex color **09062D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A2D06**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **35335B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **05012D**, and if you desaturate by 10%, it is **0D0A2D**.

# Distribution



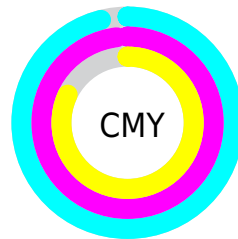
- Red (4%)
- Green (2%)
- Blue (18%)



- Red (4%)
- Yellow (2%)
- Blue (18%)



- Cyan (80%)
- Magenta (87%)
- Yellow (0%)
- Black (82%)



- Cyan (96%)
- Magenta (98%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09062D 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 09062D by changing the saturation by 10% instead.



09062D

09062D

EDE6FF

000118

35335B

000000

4D4A74

66628D

7F7BA8

9A94C3

B5AFDF

D1CAFC

09062D

09062D

■ 05012D

■ 0D0A2D

■ 03002D

■ 110F2D

■ 15132D

■ 1A182D

■ 1E1D2D

■ 22212D

■ 26262D

■ 2A2A2D

■ 2E2F2D

# Harmonies

## Analogous

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



001031



09062D



220021

# Triad

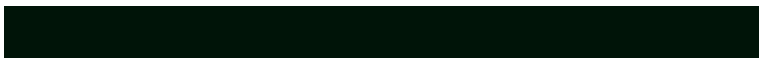
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



09062D



230100



001408

# Complementary

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



09062D



2A2D06

# 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.



001400



09062D



140B00

# Square

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



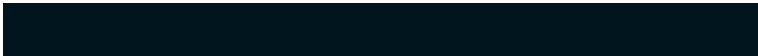
09062D



2B0000



001300



00151E

# Rectangle

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



09062D



290017



001300



001400



# Sweetspot

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



09062D



2D2B3B



062A2D



16151F



9E9E9E



1F1F1F



# Same Dimension

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



09062D



05003B



1C062D



151517



070057



1000D6



# Inverse Universe

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



2D062A



3B0036



172D06



171517



570050



D600C6



# Previews

## White Background



This preview shows how the Hex color 09062D looks on a white background.

## Color Contrast Check

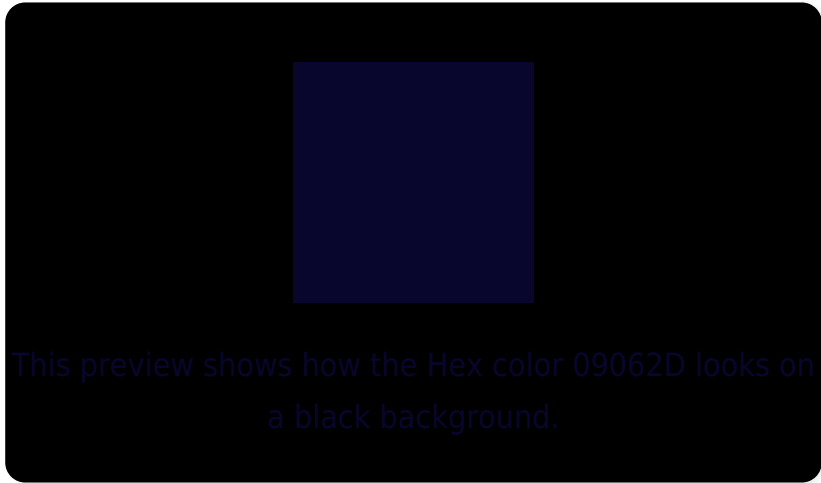
Large Text (above 18pt) WCAG AA ✓ Pass

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

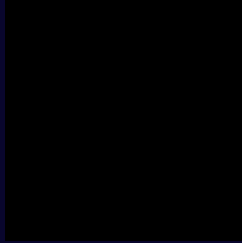
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 09062D Background



This preview shows how black text looks on a background with the Hex color 09062D.



This preview shows how white text looks on a background with the Hex color 09062D.

# 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**  
09062D

**Deuteranopia**  
000F19

**Tritanopia**  
001011

# Trichromacy



**Original Color**

09062D

**Deuteranomaly**

030C20

**Tritanomaly**

030C1B

# Monochromacy



**Original Color**

09062D

**Achromatopsia**

0B0B0B

**Achromatomaly**

0A0917

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09062D 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 #09062D looks like.

```
.text, #text, p{  
    color:#09062D  
}
```

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 #09062D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09062D
}
```

## Border

The CSS property to change the border of an element to Hex 09062D 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".

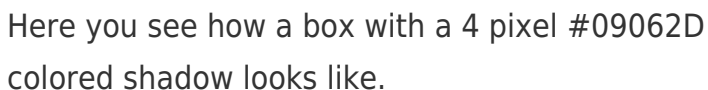
```
.border, #border, table{ border:4px solid
#09062D }
```

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

```
.border{ border-color:#09062D }
```

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

Here you see how a box with a 4 pixel #09062D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09062D; -webkit-box-shadow:4px 4px  
4px 4px #09062D; box-shadow:4px 4px 4px  
4px #09062D }
```

# Background

The CSS property to change the background color of an element to Hex 09062D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09062D }
```

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

```
.background{ background-color:#09062D }
```

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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