

# Converting Colors

Hex(092307)

Have a look what the booklet for  
Hex(092307) contains.

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# Color

**Hex(092307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	092307
RGB	9, 35, 7
RGB Percent	4%, 14%, 3%
CMY	0.9647, 0.8627, 0.9725
CMYK	0.74, 0.00, 0.80, 0.86
HSL	116°, 67%, 8%
HSV	116°, 80%, 14%
XYZ	0.7520, 1.2755, 0.4076
YIQ	24.0340, -6.5080, -14.2200

# Conversions

## Conversions Part 2

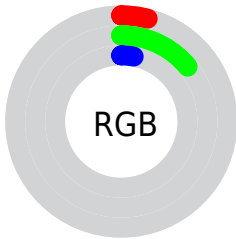
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 35, 33
Decimal	598791
CIE Lab	11.10, -17.05, 13.31
CIE LCh	11, 21.633, 142.017
Yxy	1.2755, 0.3088, 0.5238
Android (android.graphics.Color)	4278788871 (0xFF092307)
YUV	24.0340, -8.3978, -13.1848
Hunter-Lab	11.2937, -7.8778, 5.7659

# Details

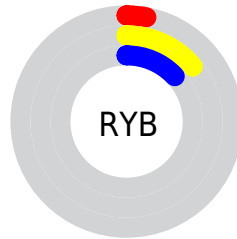
The Hex color **092307** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **210723**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **345034**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **062303**, and if you desaturate by 10%, it is **0C230B**.

# Distribution



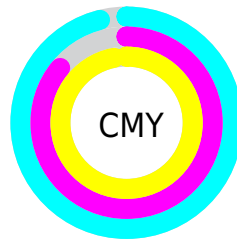
- Red (4%)
- Green (14%)
- Blue (3%)



- Red (3%)
- Yellow (14%)
- Blue (13%)



- Cyan (74%)
- Magenta (0%)
- Yellow (80%)
- Black (86%)



- Cyan (96%)
- Magenta (86%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 092307 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 092307 by changing the saturation by 10% instead.



 092307

 092307

 EAF FE8

 000800

 345034

 000000

 4B684B

 648162

 7D9B7B

 97B695

 B2D2B0

 CEE ECB

 092307

 092307

■ 062303

■ 0C230B

■ 022300

■ 0F230E

■ 132312

■ 162315

■ 192319

■ 1D231C

■ 202320

■ 232323

■ 262327

# Harmonies

## Analogous

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



1D2000



092307



002519

# Triad

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



092307



00213B



381013

# Complementary

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



092307



210723

# 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.



361022



092307



161B39

# Square

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



092307



002335



2C1530



341500

# Rectangle

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



092307



002523



2C1530



381018



# Sweetspot

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



092307



242E23



232107



111710



969696



171717



# Same Dimension

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



092307



052E02



072313



101210



065200



0FD100



# Inverse Universe

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



210723



2B022E



230717



121012



4C0052

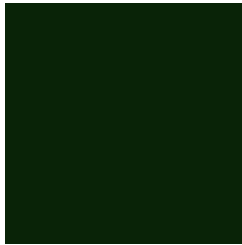


C200D1



# Previews

## White Background



This preview shows how the Hex color 092307 looks on a white background.

## Color Contrast Check

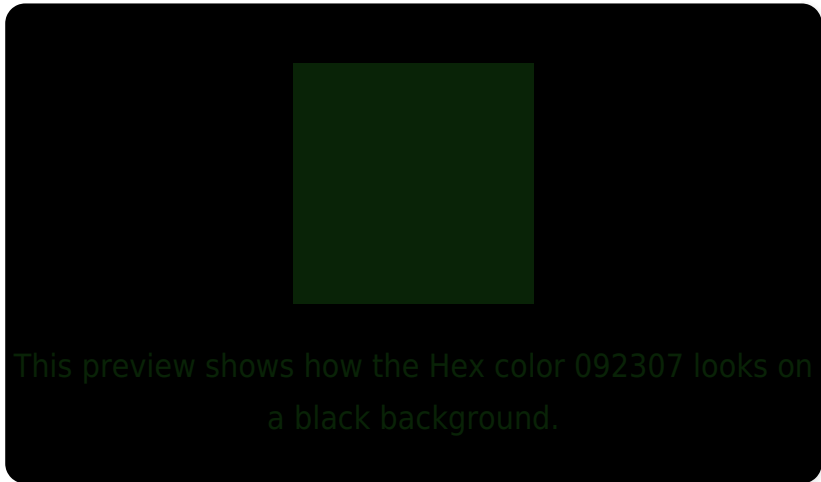
Large Text (above 18pt) WCAG AA ✓ Pass

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

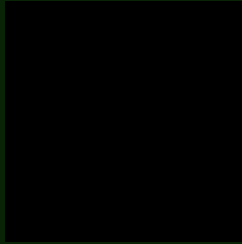
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 092307 Background



This preview shows how black text looks on a background with the Hex color 092307.



This preview shows how white text looks on a background with the Hex color 092307.

# 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**  
092307

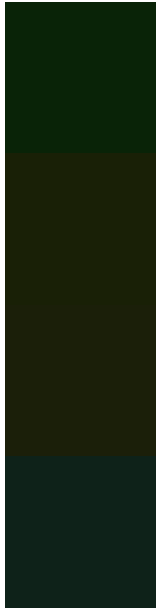
**Protanopia**  
221E06

**Deuteranopia**  
261D0A



**Tritanopia**  
112123

# Trichromacy



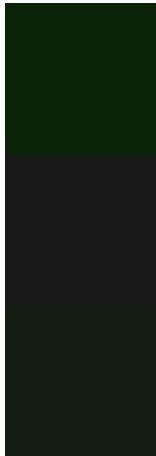
**Original Color**  
092307

**Protanomaly**  
192006

**Deuteranomaly**  
1B1F09

**Tritanomaly**  
0E2219

# Monochromacy



**Original Color**  
092307

**Achromatopsia**  
181818

**Achromatomaly**  
131C12

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 092307 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 #092307 looks like.

```
.text, #text, p{  
    color:#092307  
}
```

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 #092307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #092307
}
```

## Border

The CSS property to change the border of an element to Hex 092307 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".

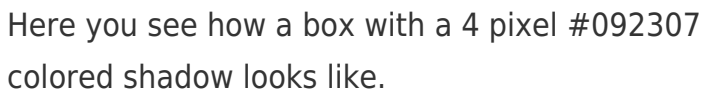
```
.border, #border, table{ border:4px solid
#092307 }
```

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

```
.border{ border-color:#092307 }
```

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

Here you see how a box with a 4 pixel #092307 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #092307; -webkit-box-shadow:4px 4px  
4px 4px #092307; box-shadow:4px 4px 4px  
4px #092307 }
```

# Background

The CSS property to change the background color of an element to Hex 092307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#092307 }
```

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

```
.background{ background-color:#092307 }
```

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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