

# Converting Colors

Hex(092D09)

Have a look what the booklet for  
Hex(092D09) contains.

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# Color

**Hex(092D09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	092D09
RGB	9, 45, 9
RGB Percent	4%, 18%, 4%
CMY	0.9647, 0.8235, 0.9647
CMYK	0.80, 0.00, 0.80, 0.82
HSL	120°, 67%, 11%
HSV	120°, 80%, 18%
XYZ	1.1004, 1.9546, 0.5777
YIQ	30.1320, -9.9000, -18.8280

# Conversions

## Conversions Part 2

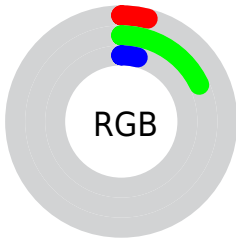
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">9, 45, 45</a>
Decimal	<a href="#">601353</a>
CIELab	<a href="#">15.25, -21.58, 18.02</a>
CIELCh	<a href="#">15, 28.114, 140.124</a>
Yxy	<a href="#">1.9546, 0.3029, 0.5381</a>
Android (android.graphics.Color)	<a href="#">4278791433 (0xFF092D09)</a>
YUV	<a href="#">30.1320, -10.4181, -18.5328</a>
Hunter-Lab	<a href="#">13.9806, -10.4171, 7.3364</a>

# Details

The Hex color **092D09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D092D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **385B35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **042D04**, and if you desaturate by 10%, it is **0E2D0E**.

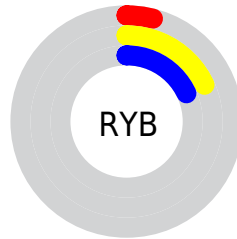
# Distribution



Red (4%)

Green (18%)

Blue (4%)



Red (4%)

Yellow (18%)

Blue (18%)

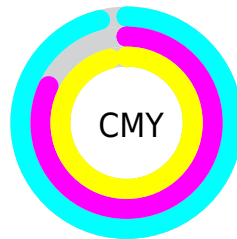


Cyan (80%)

Magenta (0%)

Yellow (80%)

Black (82%)



Cyan (96%)

Magenta (82%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 092D09 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 092D09 by changing the saturation by 10% instead.



 092D09

 092D09

 F0FFEA

 001B00

 385B35

 000000

 50744C

 688E64

 82A87D

 9CC497

 B8E0B2

 D3FCCE

 092D09

 092D09

■ 042D04

■ 0E2D0E

■ 002D00

■ 122D12

■ 172D17

■ 1B2D1B

■ 202D20

■ 242D24

■ 292D29

■ 2D2D2D

■ 322D32

# Harmonies

## Analogous

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



252900



092D09



002F1F

# Triad

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



092D09



002A4D



49131A

# Complementary

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



092D09



2D092D

# 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.



46122E



092D09



18244C

# Square

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



092D09



002E44



371B40



431A03

# Rectangle

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



092D09



002F2D



371B40



491120



# Sweetspot

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



092D09



2D3B2D



2D2D09



161F16



9E9E9E



1F1F1F



# Same Dimension

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



092D09



023B02



092D1B



151715



005700



00D600



# Inverse Universe

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



2D092D



3B023B



2D091B



171517



570057

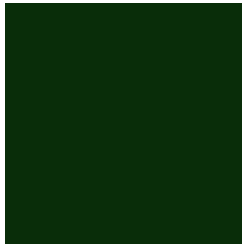


D600D6



# Previews

## White Background



This preview shows how the Hex color 092D09 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

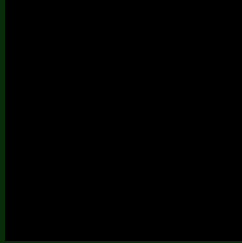
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 092D09 Background



This preview shows how black text looks on a background with the Hex color 092D09.



This preview shows how white text looks on a background with the Hex color 092D09.

# 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**  
092D09

**Protanopia**  
2B2707

**Deuteranopia**  
30250D



**Tritanopia**  
142A2D

# Trichromacy



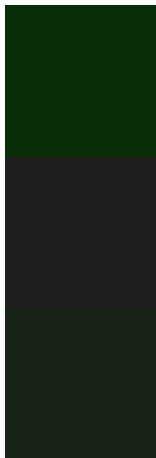
**Original Color**  
092D09

**Protanomaly**  
1F2908

**Deuteranomaly**  
22280C

**Tritanomaly**  
102B20

# Monochromacy



**Original Color**  
092D09

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
162316

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 092D09 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 #092D09 looks like.

```
.text, #text, p{  
    color:#092D09  
}
```

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 #092D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #092D09
}
```

## Border

The CSS property to change the border of an element to Hex 092D09 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".

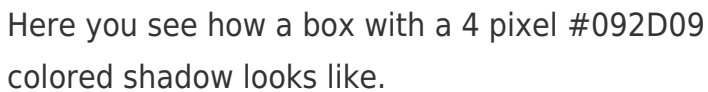
```
.border, #border, table{ border:4px solid
#092D09 }
```

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

```
.border{ border-color:#092D09 }
```

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

Here you see how a box with a 4 pixel #092D09 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 #092D09; -webkit-box-shadow:4px 4px  
4px 4px #092D09; box-shadow:4px 4px 4px  
4px #092D09 }
```

# Background

The CSS property to change the background color of an element to Hex 092D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#092D09 }
```

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

```
.background{ background-color:#092D09 }
```

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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