

Converting Colors

Hex(092A0D)

Have a look what the booklet for
Hex(092A0D) contains.

Hex(092A0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(092A0D)

Conversions

Conversions Part 1

Format	Color
Hex	092A0D
RGB	9, 42, 13
RGB Percent	4%, 16%, 5%
CMY	0.9647, 0.8353, 0.9490
CMYK	0.79, 0.00, 0.69, 0.84
HSL	127°, 65%, 10%
HSV	127°, 79%, 16%
XYZ	1.0133, 1.7431, 0.6638
YIQ	28.8270, -10.3590, -16.0150

Conversions

Conversions Part 2

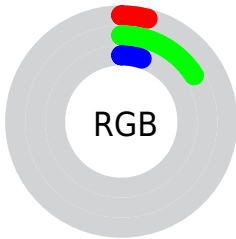
Format	Color
RYB	9, 38, 42
Decimal	600589
CIELab	14.08, -19.60, 14.78
CIELCh	14, 24.543, 142.985
Yxy	1.7431, 0.2963, 0.5096
Android (android.graphics.Color)	4278790669 (0xFF092A0D)
YUV	28.8270, -7.8027, -17.3883
Hunter-Lab	13.2025, -9.4049, 6.2607

Details

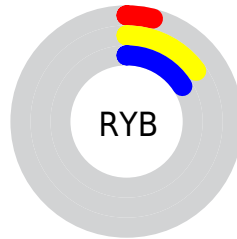
The Hex color **092A0D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A0926**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **375838**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **052A09**, and if you desaturate by 10%, it is **0D2A11**.

Distribution



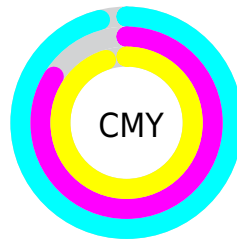
- Red (4%)
- Green (16%)
- Blue (5%)



- Red (4%)
- Yellow (15%)
- Blue (16%)



- Cyan (79%)
- Magenta (0%)
- Yellow (69%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 092A0D 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 092A0D by changing the saturation by 10% instead.

 092A0D

 092A0D

 EEEFED

 001700

 375838

 000000

 4E704F

 678A67

 80A480

 9BC09A

 B6DCB5

 D2F8D1

 092A0D

 092A0D

■ 052A09

■ 0D2A11

■ 012A06

■ 112A14

■ 002A05

■ 162A18

■ 1A2A1C

■ 1E2A1F

■ 222A23

■ 262A27

■ 2B2A2B

■ 2F2A2E

Harmonies

Analogous

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



212700



092A0D



002C1F

Triad

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



092A0D



002746



421417

Complementary

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



092A0D



2A0926

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.



401329



092A0D



1C2143

Square

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



092A0D



002A3F



351939



3C1A04

Rectangle

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



092A0D



002C2B



351939



43131D

Sweetspot

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



092A0D



29362A



262A09



141C15



9C9C9C



1C1C1C

Same Dimension

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



092A0D



033609



092A1D



121413



00540A



00D41A

Inverse Universe

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



2A0926



36032F



2A0916



141214



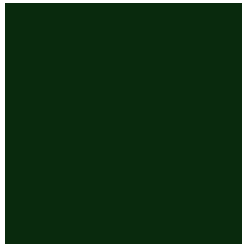
54004A



D400BA

Previews

White Background



This preview shows how the Hex color 092A0D looks on a white background.

Color Contrast Check

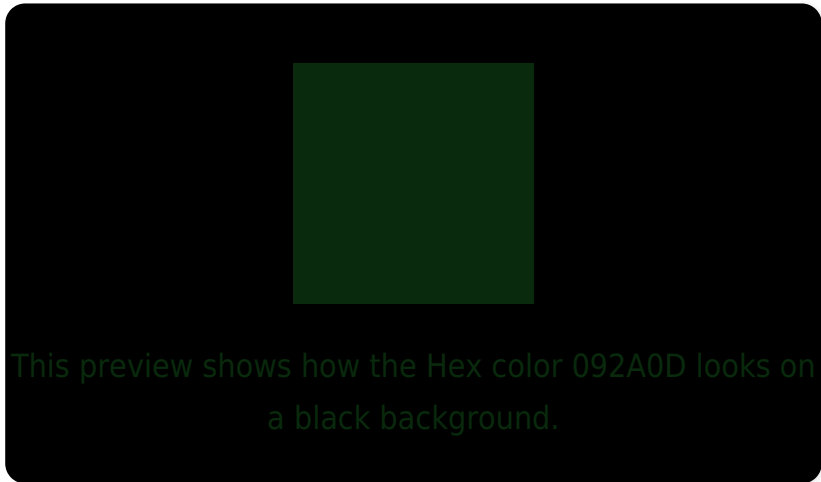
Large Text (above 18pt) WCAG AA ✓ Pass

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

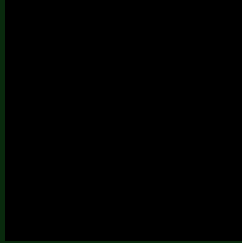
Any Text WCAG AA × Fail

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 092A0D Background



This preview shows how black text looks on a background with the Hex color 092A0D.



This preview shows how white text looks on a background with the Hex color 092A0D.

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
092A0D

Protanopia
28240B

Deuteranopia
2D2210



Tritanopia
13272A

Trichromacy



Original Color

092A0D

Protanomaly

1D260C

Deuteranomaly

20250F

Tritanomaly

0F281F

Monochromacy



Original Color

092A0D

Achromatopsia

1D1D1D

Achromatomaly

162217

CSS Examples

Text

The CSS property to change the color of the text to Hex 092A0D 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 #092A0D looks like.

```
.text, #text, p{  
    color:#092A0D  
}
```

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 #092A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #092A0D
}
```

Border

The CSS property to change the border of an element to Hex 092A0D 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
#092A0D }
```

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

```
.border{ border-color:#092A0D }
```

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

Here you see how a box with a 4 pixel #092A0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #092A0D; -webkit-box-shadow:4px 4px  
4px 4px #092A0D; box-shadow:4px 4px 4px  
4px #092A0D }
```

Background

The CSS property to change the background color of an element to Hex 092A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#092A0D }
```

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

```
.background{ background-color:#092A0D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor