

# Converting Colors

Hex(082A16)

Have a look what the booklet for  
Hex(082A16) contains.

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# Color

**Hex(082A16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	082A16
RGB	8, 42, 22
RGB Percent	3%, 16%, 9%
CMY	0.9686, 0.8353, 0.9137
CMYK	0.81, 0.00, 0.48, 0.84
HSL	145°, 68%, 10%
HSV	145°, 81%, 16%
XYZ	1.0729, 1.7655, 1.0433
YIQ	29.5540, -13.8440, -13.4280

# Conversions

## Conversions Part 2

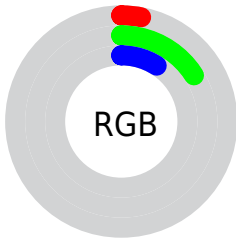
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 32, 42
Decimal	535062
CIE Lab	14.21, -18.03, 9.60
CIE LCh	14, 20.427, 151.974
Yxy	1.7655, 0.2764, 0.4548
Android (android.graphics.Color)	4278725142 (0xFF082A16)
YUV	29.5540, -3.7241, -18.9029
Hunter-Lab	13.2871, -8.8388, 4.6457

# Details

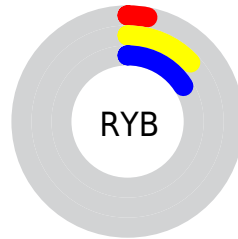
The Hex color **082A16** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A081C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **365841**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **042A14**, and if you desaturate by 10%, it is **0C2A18**.

# Distribution



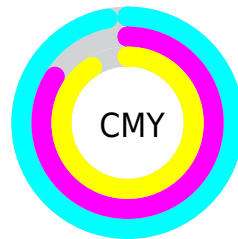
- Red (3%)
- Green (16%)
- Blue (9%)



- Red (3%)
- Yellow (13%)
- Blue (16%)



- Cyan (81%)
- Magenta (0%)
- Yellow (48%)
- Black (84%)



- Cyan (97%)
- Magenta (84%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 082A16 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 082A16 by changing the saturation by 10% instead.



 082A16

 082A16

 EDFFF8

 001700

 365841

 000000

 4E7058

 668A71

 80A48A

 9AC0A4

 B5DBBF

 D1F8DB

 082A16

 082A16

■ 042A14

■ 0C2A18

■ 002A11

■ 102A1B

■ 152A1D

■ 192A20

■ 1D2A22

■ 212A25

■ 252A27

■ 2A2A2A

■ 2E2A2C

# Harmonies

## Analogous

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



1D2808



082A16



002B25

# Triad

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



082A16



072541



3D1916

# Complementary

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



082A16



2A081C

# 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.



3E1724



082A16



26203C

# Square

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



082A16



00293D



361A32



371E08

# Rectangle

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



082A16



002B2E



361A32



3E181A



# Sweetspot

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



082A16



29362E



1C2A08



141C17



9C9C9C



1C1C1C



# Same Dimension

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



082A16



023617



082A27



121413



005423



00D457



# Inverse Universe

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



2A081C



360220



2A080B



141214



540032

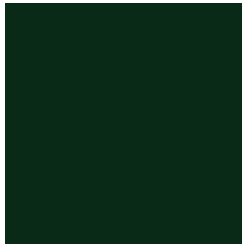


D4007D



# Previews

## White Background



This preview shows how the Hex color 082A16 looks on a white background.

## Color Contrast Check

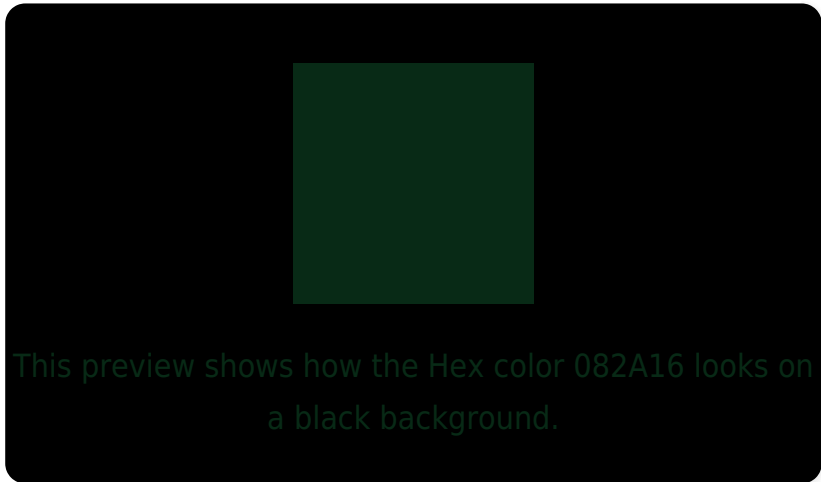
Large Text (above 18pt) WCAG AA ✓ Pass

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

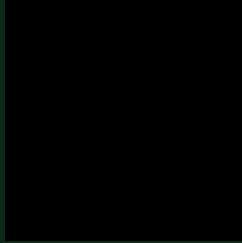
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 082A16 Background



This preview shows how black text looks on a background with the Hex color 082A16.



This preview shows how white text looks on a background with the Hex color 082A16.

# 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**  
082A16

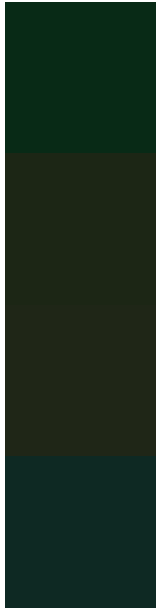
**Protanopia**  
282414

**Deuteranopia**  
2C2318



**Tritanopia**  
11282B

# Trichromacy



**Original Color**  
082A16

**Protanomaly**  
1C2615

**Deuteranomaly**  
1F2617

**Tritanomaly**  
0E2923

# Monochromacy



**Original Color**  
082A16

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
16221B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 082A16 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 #082A16 looks like.

```
.text, #text, p{  
    color:#082A16  
}
```

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 #082A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082A16
}
```

## Border

The CSS property to change the border of an element to Hex 082A16 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
#082A16 }
```

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

```
.border{ border-color:#082A16 }
```

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

Here you see how a box with a 4 pixel #082A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082A16; -webkit-box-shadow:4px 4px  
4px 4px #082A16; box-shadow:4px 4px 4px  
4px #082A16 }
```

# Background

The CSS property to change the background color of an element to Hex 082A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082A16 }
```

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

```
.background{ background-color:#082A16 }
```

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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