

Converting Colors

Hex(082824)

Have a look what the booklet for
Hex(082824) contains.

Hex(082824)	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(082824)

Conversions

Conversions Part 1	
Format	Color
Hex	082824
RGB	8, 40, 36
RGB Percent	3%, 16%, 14%
CMY	0.9686, 0.8431, 0.8588
CMYK	0.80, 0.00, 0.10, 0.84
HSL	172°, 67%, 9%
HSV	172°, 80%, 16%
XYZ	1.1774, 1.6966, 1.9345
YIQ	29.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

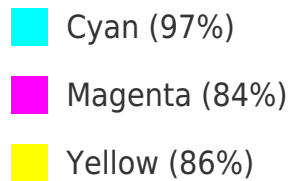
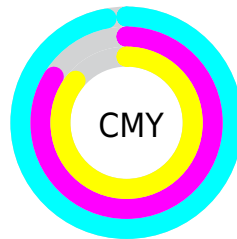
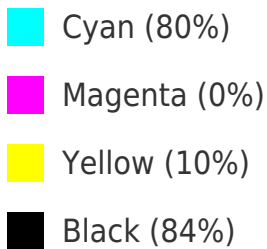
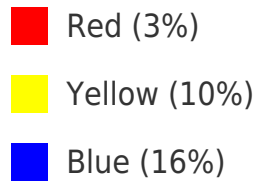
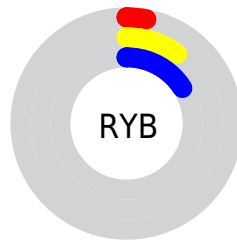
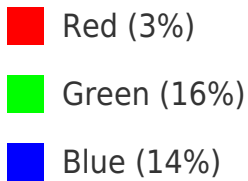
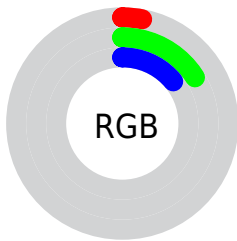
Format	Color
RYB	8, 25, 40
Decimal	534564
CIELab	13.81, -12.79, -0.80
CIELCh	14, 12.813, 183.563
Yxy	1.6966, 0.2449, 0.3528
Android (android.graphics.Color)	4278724644 (0xFF082824)
YUV	29.9760, 2.9698, -19.2730
Hunter-Lab	13.0253, -6.6595, 0.3121

Details

The Hex color **082824** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28080C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **365550**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **042823**, and if you desaturate by 10%, it is **0C2825**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 082824 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 082824 by changing the saturation by 10% instead.

 082824

 082824

 EDFFFF

 00150F

 365550

 000000

 4E6E68

 668782

 80A19C

 9ABCB6

 B5D8D2

 D1F5EE

 082824

 082824

■ 042823

■ 0C2825

■ 002823

■ 102825

■ 142826

■ 182826

■ 1C2827

■ 202827

■ 242828

■ 282828

■ 2C2829

Harmonies

Analogous

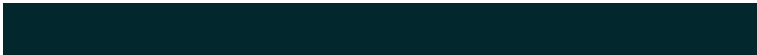
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14271B



082824



02282D

Triad

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



082824



262032



302013

Complementary

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



082824



28080C

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.



341D1A



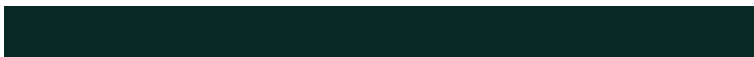
082824



2F1E2B

Square

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



082824



182435



341C22



282311

Rectangle

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



082824



052731



341C22



321F15

Sweetspot

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



082824



273331



0C2808



121A19



999999



1A1A1A

Same Dimension

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



082824



02332D



081C28



121414



00544A



00D4B9

Inverse Universe

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



28080C



330208



281408



141213



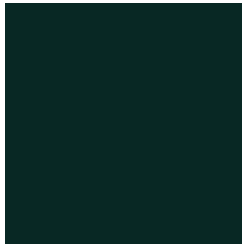
54000B



D4001A

Previews

White Background



This preview shows how the Hex color 082824 looks on a white background.

Color Contrast Check

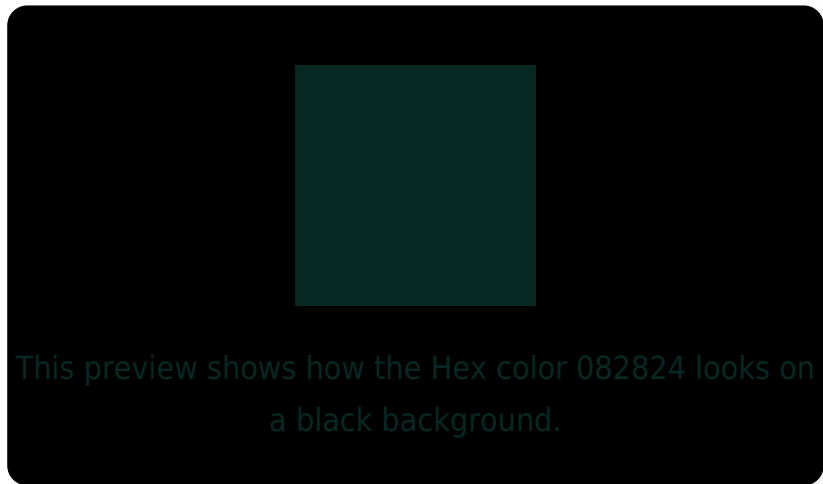
Large Text (above 18pt) WCAG AA ✓ Pass

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

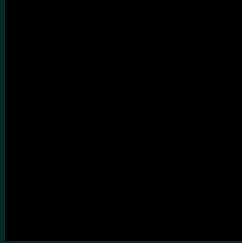
Any Text WCAG AA × Fail

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 082824 Background



This preview shows how black text looks on a background with the Hex color 082824.



This preview shows how white text looks on a background with the Hex color 082824.

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
[082824](#)

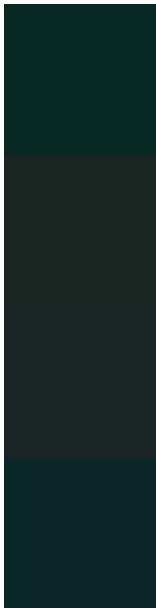
Protanopia
[252321](#)

Deuteranopia
[262225](#)



Tritanopia
0D272A

Trichromacy



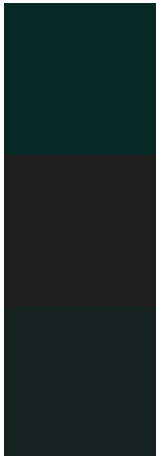
Original Color
082824

Protanomaly
1A2522

Deuteranomaly
1B2425

Tritanomaly
0B2728

Monochromacy



Original Color
082824

Achromatopsia
1E1E1E

Achromatomaly
162220

CSS Examples

Text

The CSS property to change the color of the text to Hex 082824 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 #082824 looks like.

```
.text, #text, p{  
    color:#082824  
}
```

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 #082824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082824
}
```

Border

The CSS property to change the border of an element to Hex 082824 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
#082824 }
```

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

```
.border{ border-color:#082824 }
```

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

Here you see how a box with a 4 pixel #082824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082824; -webkit-box-shadow:4px 4px  
4px 4px #082824; box-shadow:4px 4px 4px  
4px #082824 }
```

Background

The CSS property to change the background color of an element to Hex 082824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082824 }
```

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

```
.background{ background-color:#082824 }
```

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