

Converting Colors

Hex(084C23)

Have a look what the booklet for
Hex(084C23) contains.

Hex(084C23)	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(084C23)

Conversions

Conversions Part 1

Format	Color
Hex	084C23
RGB	8, 76, 35
RGB Percent	3%, 30%, 14%
CMY	0.9686, 0.7020, 0.8627
CMYK	0.89, 0.00, 0.54, 0.70
HSL	144°, 81%, 16%
HSV	144°, 89%, 30%
XYZ	2.9880, 5.3419, 2.4637
YIQ	50.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

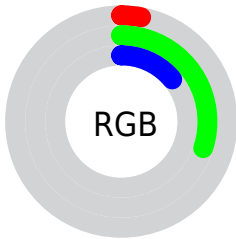
Format	Color
RYB	8, 57, 76
Decimal	543779
CIELab	27.69, -30.50, 18.75
CIELCh	28, 35.809, 148.416
Yxy	5.3419, 0.2768, 0.4949
Android (android.graphics.Color)	4278733859 (0xFF084C23)
YUV	50.9940, -7.8850, -37.7057
Hunter-Lab	23.1125, -17.3705, 9.8586

Details

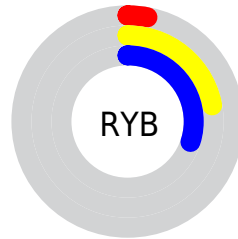
The Hex color **084C23** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4C0831**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **417E50**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **004C1E**, and if you desaturate by 10%, it is **104C28**.

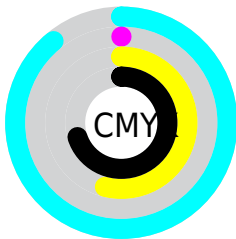
Distribution



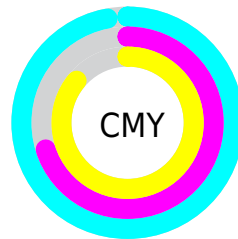
- Red (3%)
- Green (30%)
- Blue (14%)



- Red (3%)
- Yellow (22%)
- Blue (30%)



- Cyan (89%)
- Magenta (0%)
- Yellow (54%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 084C23 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 084C23 by changing the saturation by 10% instead.

 084C23

 084C23

FFFFFF

 00350E

 417E50

 002100

 5A9869

 000000

 74B382

 8FCF9C

 AAEBB7

 C6FFD3

 E3FFEF

 084C23

 084C23

■ 004C1E

■ 104C28

■ 174C2C

■ 1F4C31

■ 264C35

■ 2E4C3A

■ 364C3E

■ 3D4C43

■ 454C48

■ 4C4C4C

Harmonies

Analogous

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



35470B



084C23



004E3F

Triad

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



084C23



004578



712A29

Complementary

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



084C23



4C0831

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.



712644



084C23



3E3B72

Square

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



084C23



004B70



612E5F



653511

Rectangle

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



084C23



004E52



612E5F



732832

Sweetspot

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



084C23



496353



324C08



233329



B3B3B3



333333

Same Dimension

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



084C23



006327



084C44



222624



006629



00E65B

Inverse Universe

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



4C0831



63003C



4C0810



262225



66003D



E6008A

Previews

White Background



This preview shows how the Hex color 084C23 looks on a white background.

Color Contrast Check

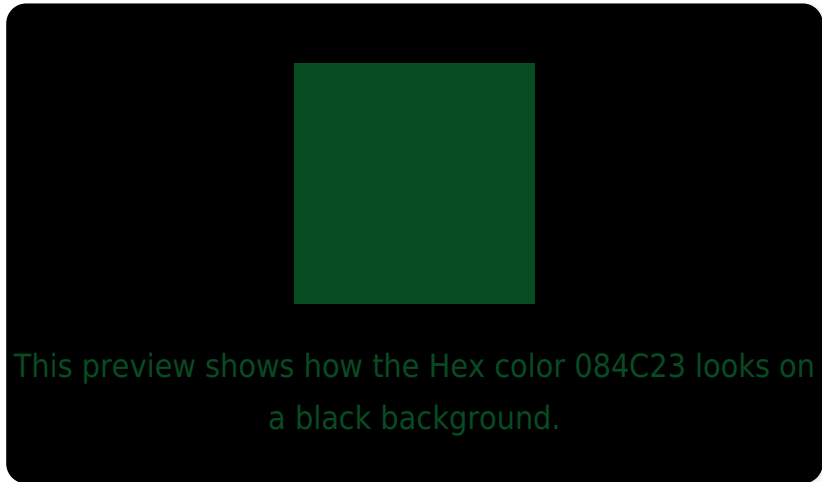
Large Text (above 18pt) WCAG AA ✓ Pass

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

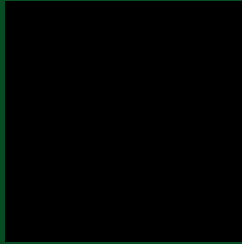
Any Text WCAG AA × Fail

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 084C23 Background



This preview shows how black text looks on a background with the Hex color 084C23.



This preview shows how white text looks on a background with the Hex color 084C23.

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
084C23

Protanopia
494220

Deuteranopia
503E27



Tritanopia
1E474D

Trichromacy



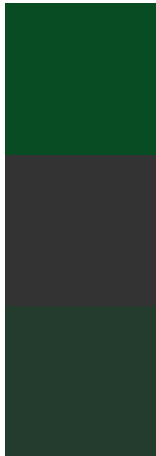
Original Color
084C23

Protanomaly
314621

Deuteranomaly
364326

Tritanomaly
16493E

Monochromacy



Original Color
084C23

Achromatopsia
333333

Achromatomaly
233C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 084C23 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 #084C23 looks like.

```
.text, #text, p{  
    color:#084C23  
}
```

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 #084C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084C23
}
```

Border

The CSS property to change the border of an element to Hex 084C23 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
#084C23 }
```

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

```
.border{ border-color:#084C23 }
```

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

Here you see how a box with a 4 pixel #084C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084C23; -webkit-box-shadow:4px 4px  
4px 4px #084C23; box-shadow:4px 4px 4px  
4px #084C23 }
```

Background

The CSS property to change the background color of an element to Hex 084C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084C23 }
```

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

```
.background{ background-color:#084C23 }
```

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