

Converting Colors

Hex(084D13)

Have a look what the booklet for
Hex(084D13) contains.

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Color

Hex(084D13)

Conversions

Conversions Part 1

Format	Color
Hex	084D13
RGB	8, 77, 19
RGB Percent	3%, 30%, 7%
CMY	0.9686, 0.6980, 0.9255
CMYK	0.90, 0.00, 0.75, 0.70
HSL	130°, 81%, 17%
HSV	130°, 90%, 30%
XYZ	2.8716, 5.4064, 1.5083
YIQ	49.7570, -22.5060, -32.6660

Conversions

Conversions Part 2

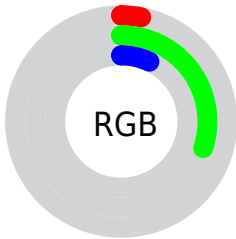
Format	Color
RYB	8, 68, 77
Decimal	544019
CIELab	27.86, -33.34, 27.59
CIELCh	28, 43.274, 140.385
Yxy	5.4064, 0.2934, 0.5524
Android (android.graphics.Color)	4278734099 (0xFF084D13)
YUV	49.7570, -15.1632, -36.6209
Hunter-Lab	23.2517, -18.6458, 12.4301

Details

The Hex color **084D13** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4D0842**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **427F41**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **004D0D**, and if you desaturate by 10%, it is **104D19**.

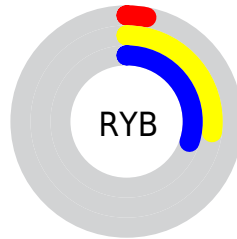
Distribution



Red (3%)

Green (30%)

Blue (7%)



Red (3%)

Yellow (27%)

Blue (30%)

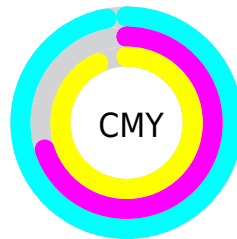


Cyan (90%)

Magenta (0%)

Yellow (75%)

Black (70%)



Cyan (97%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 084D13 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 084D13 by changing the saturation by 10% instead.

 084D13

 084D13

 FFFFFB

 003500

 427F41

 002200

 5C9959

 000000

 76B472

 91D08C

 ACECA6

 C8FFC2

 E5FFDE

 084D13

 084D13

■ 004D0D

■ 104D19

■ 004D0C

■ 174D20

■ 1F4D26

■ 274D2D

■ 2F4D33

■ 364D3A

■ 3E4D40

■ 464D47

■ 4D4D4D

Harmonies

Analogous

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



3B4700



084D13



005036

Triad

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



084D13



004984



7C1F2D

Complementary

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



084D13



4D0842

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.



771E4E



084D13



273E81

Square

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



084D13



004F75



5F2D6D



702E0D

Rectangle

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



084D13



00514D



5F2D6D



7C1C38

Sweetspot

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



084D13



49634D



434D08



233325



B3B3B3



333333

Same Dimension

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



084D13



006310



084D35



222623



006610



00E625

Inverse Universe

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



4D0842



630054



4D0820



262226



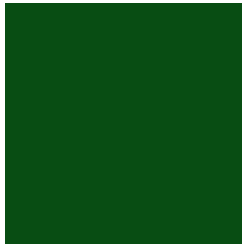
660056



E600C1

Previews

White Background



This preview shows how the Hex color 084D13 looks on a white background.

Color Contrast Check

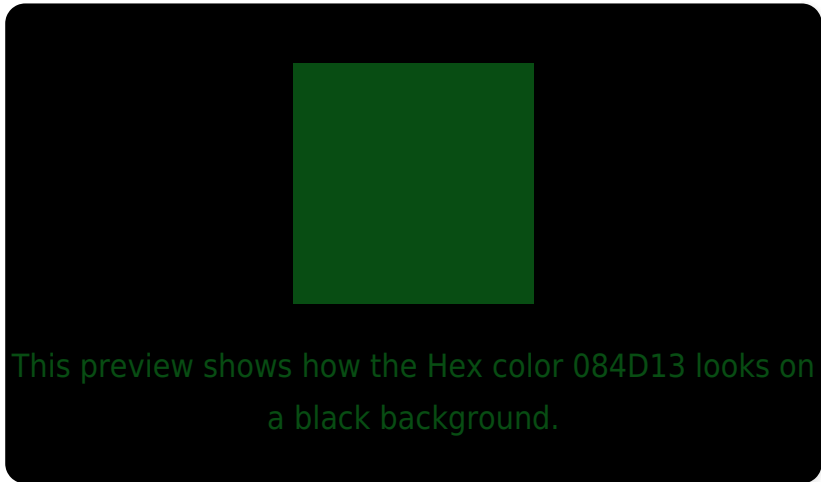
Large Text (above 18pt) WCAG AA ✓ Pass

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

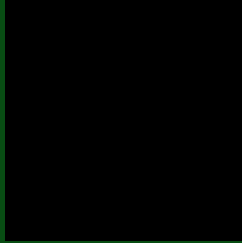
Any Text WCAG AA × Fail

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 084D13 Background



This preview shows how black text looks on a background with the Hex color 084D13.



This preview shows how white text looks on a background with the Hex color 084D13.

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
084D13

Protanopia
4A210

Deuteranopia
523F19



Tritanopia
20484E

Trichromacy



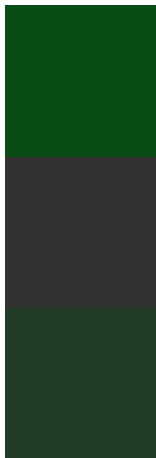
Original Color
084D13

Protanomaly
324611

Deuteranomaly
374417

Tritanomaly
174A39

Monochromacy



Original Color
084D13

Achromatopsia
323232

Achromatomaly
233C27

CSS Examples

Text

The CSS property to change the color of the text to Hex 084D13 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 #084D13 looks like.

```
.text, #text, p{  
    color:#084D13  
}
```

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 #084D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084D13
}
```

Border

The CSS property to change the border of an element to Hex 084D13 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".

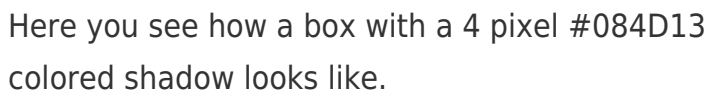
```
.border, #border, table{ border:4px solid
#084D13 }
```

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

```
.border{ border-color:#084D13 }
```

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

Here you see how a box with a 4 pixel #084D13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084D13; -webkit-box-shadow:4px 4px  
4px 4px #084D13; box-shadow:4px 4px 4px  
4px #084D13 }
```

Background

The CSS property to change the background color of an element to Hex 084D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084D13 }
```

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

```
.background{ background-color:#084D13 }
```

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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