

Converting Colors

Hex(084D38)

Have a look what the booklet for
Hex(084D38) contains.

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Color

Hex(084D38)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 084D38 |
| RGB | 8, 77, 56 |
| RGB Percent | 3%, 30%, 22% |
| CMY | 0.9686, 0.6980, 0.7804 |
| CMYK | 0.90, 0.00, 0.27, 0.70 |
| HSL | 162°, 81%, 17% |
| HSV | 162°, 90%, 30% |
| XYZ | 3.4678, 5.6449, 4.6482 |
| YIQ | 53.9750, -34.3830, -21.1590 |

Conversions

Conversions Part 2

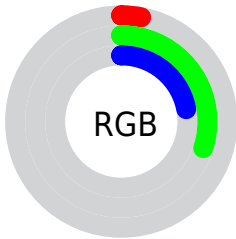
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 8, 49, 77 |
| Decimal | 544056 |
| CIELab | 28.50, -25.97, 6.82 |
| CIELCh | 28, 26.849, 165.280 |
| Yxy | 5.6449, 0.2520, 0.4102 |
| Android (android.graphics.Color) | 4278734136 (0xFF084D38) |
| YUV | 53.9750, 0.9983, -40.3201 |
| Hunter-Lab | 23.7590, -15.5247, 5.0319 |

Details

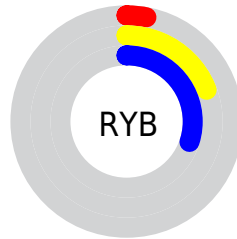
The Hex color **084D38** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4D081D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **417F67**, and **00210D** is the 20% darker color. If you saturate the color by 10%, you get **004D36**, and if you desaturate by 10%, it is **104D3A**.

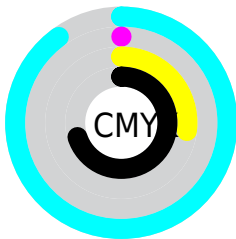
Distribution



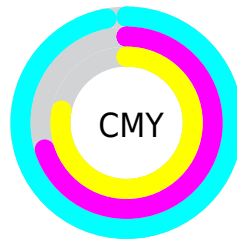
- Red (3%)
- Green (30%)
- Blue (22%)



- Red (3%)
- Yellow (19%)
- Blue (30%)



- Cyan (90%)
- Magenta (0%)
- Yellow (27%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 084D38 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 084D38 by changing the saturation by 10% instead.

 084D38

 084D38

FFFFFF

 003623

 417F67

 00210D

 5B9980

 000000

 75B49A

 90CFB5

 ABEC00

 C7FFED

 E3FFFF

 084D38

 084D38

■ 004D36

■ 104D3A

■ 174D3D

■ 1F4D3F

■ 274D41

■ 2F4D44

■ 364D46

■ 3E4D48

■ 464D4B

■ 4D4D4D

Harmonies

Analogous

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



2E4A25



084D38



004E4D

Triad

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



084D38



33426B



653727

Complementary

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



084D38



4D081D

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.



6A3239



084D38



523A60

Square

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



084D38



00486B



64334E



583E1A

Rectangle

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



084D38



004D5A



64334E



68352C

Sweetspot

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



084D38



49635B



1E4D08



23332E



B3B3B3



333333

Same Dimension

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



084D38



006345



08404D



222625



006647



00E6A0

Inverse Universe

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



4D081D



63001E



4D1508



262224



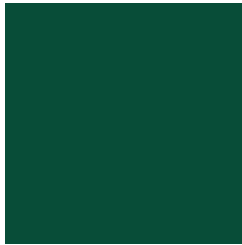
66001F



E60046

Previews

White Background



This preview shows how the Hex color 084D38 looks on a white background.

Color Contrast Check

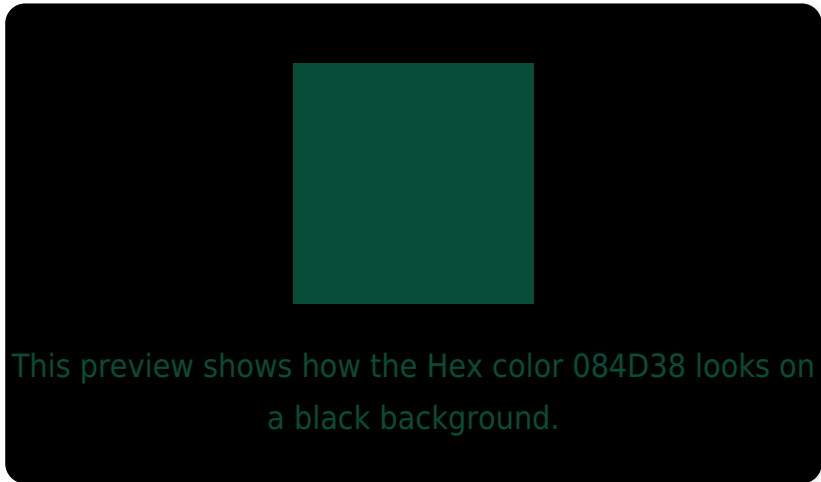
Large Text (above 18pt) WCAG AA ✓ Pass

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 084D38 Background



This preview shows how black text looks on a background with the Hex color 084D38.



This preview shows how white text looks on a background with the Hex color 084D38.

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](#).

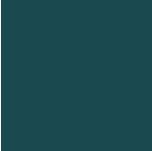
Dichromacy



Original Color
084D38

Protanopia
484333

Deuteranopia
4D413B



Tritanopia
1A4A50

Trichromacy



Original Color
084D38

Protanomaly
314735

Deuteranomaly
34453A

Tritanomaly
134B47

Monochromacy



Original Color
084D38

Achromatopsia
363636

Achromatomaly
253E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 084D38 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 #084D38 looks like.

```
.text, #text, p{  
    color:#084D38  
}
```

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 #084D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084D38
}
```

Border

The CSS property to change the border of an element to Hex 084D38 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
#084D38 }
```

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

```
.border{ border-color:#084D38 }
```

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

Here you see how a box with a 4 pixel #084D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084D38; -webkit-box-shadow:4px 4px  
4px 4px #084D38; box-shadow:4px 4px 4px  
4px #084D38 }
```

Background

The CSS property to change the background color of an element to Hex 084D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084D38 }
```

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

```
.background{ background-color:#084D38 }
```

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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