

Converting Colors

Hex(085B4D)

Have a look what the booklet for
Hex(085B4D) contains.

Hex(085B4D)	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(085B4D)

Conversions

Conversions Part 1

Format	Color
Hex	085B4D
RGB	8, 91, 77
RGB Percent	3%, 36%, 30%
CMY	0.9686, 0.6431, 0.6980
CMYK	0.91, 0.00, 0.15, 0.64
HSL	170°, 84%, 19%
HSV	170°, 91%, 36%
XYZ	5.1808, 8.0696, 8.3057
YIQ	64.5870, -44.9740, -21.9500

Conversions

Conversions Part 2

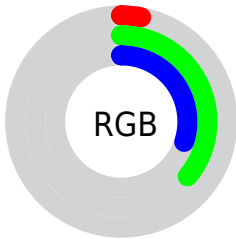
Format	Color
RYB	8, 53, 91
Decimal	547661
CIELab	34.13, -26.49, 1.61
CIELCh	34, 26.537, 176.531
Yxy	8.0696, 0.2403, 0.3744
Android (android.graphics.Color)	4278737741 (0xFF085B4D)
YUV	64.5870, 6.1196, -49.6268
Hunter-Lab	28.4071, -17.1582, 2.5496

Details

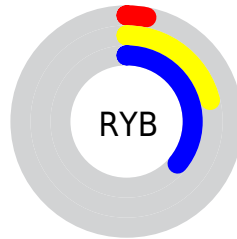
The Hex color **085B4D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B0816**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **468E7E**, and **002C21** is the 20% darker color. If you saturate the color by 10%, you get **005B4C**, and if you desaturate by 10%, it is **115B4F**.

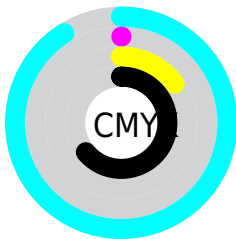
Distribution



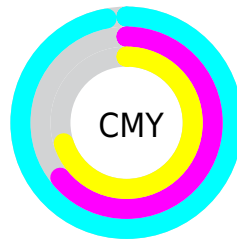
- Red (3%)
- Green (36%)
- Blue (30%)



- Red (3%)
- Yellow (21%)
- Blue (36%)



- Cyan (91%)
- Magenta (0%)
- Yellow (15%)
- Black (64%)



- Cyan (97%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085B4D 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 085B4D by changing the saturation by 10% instead.

 085B4D

 085B4D

FFFFFF

 004336

 468E7E

 002C21

 61A898

 00170A

 7CC4B2

 000000

 97E0CE

 B3FDEA

 CFFFFFF

 EFFFFFF

 085B4D

 085B4D

■ 005B4C

■ 115B4F

■ 1A5B50

■ 235B52

■ 2C5B53

■ 355B55

■ 3F5B56

■ 485B58

■ 515B59

■ 5A5B5B

Harmonies

Analogous

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



315938



085B4D



005B62

Triad

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



085B4D



4E4C76



6F472E

Complementary

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



085B4D



5B0816

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.



78413F



085B4D



684468

Square

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



085B4D



28537A



763F54



5F4E25

Rectangle

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



085B4D



00596E



763F54



734433

Sweetspot

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



085B4D



567570



175B08



283B37



BABABA



3B3B3B

Same Dimension

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



085B4D



007562



08415B



292E2D



006E5B



00EDC5

Inverse Universe

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



5B0816



750014



5B2208



2E292A



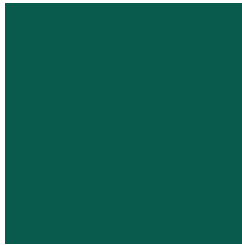
6E0012



ED0028

Previews

White Background



This preview shows how the Hex color 085B4D looks on a white background.

Color Contrast Check

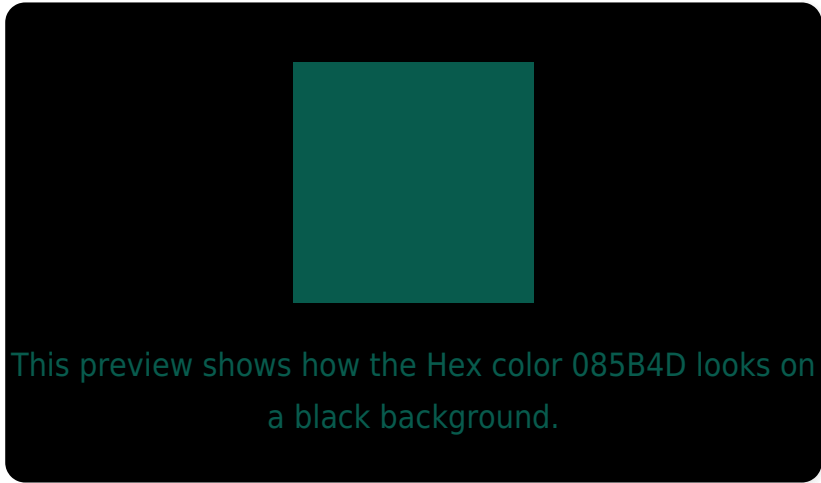
Large Text (above 18pt) WCAG AA ✓ Pass

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

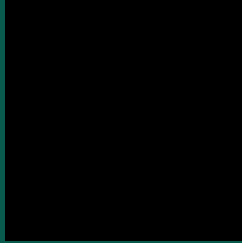
Any Text WCAG AA × Fail

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 085B4D Background



This preview shows how black text looks on a background with the Hex color 085B4D.



This preview shows how white text looks on a background with the Hex color 085B4D.

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
085B4D

Protanopia
545047

Deuteranopia
584E50



Tritanopia
1B5860

Trichromacy



Original Color
085B4D

Protanomaly
385449

Deuteranomaly
3B534F

Tritanomaly
145959

Monochromacy



Original Color
085B4D

Achromatopsia
414141

Achromatomaly
2C4A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 085B4D 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 #085B4D looks like.

```
.text, #text, p{  
    color:#085B4D  
}
```

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 #085B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085B4D
}
```

Border

The CSS property to change the border of an element to Hex 085B4D 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
#085B4D }
```

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

```
.border{ border-color:#085B4D }
```

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

Here you see how a box with a 4 pixel #085B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085B4D; -webkit-box-shadow:4px 4px  
4px 4px #085B4D; box-shadow:4px 4px 4px  
4px #085B4D }
```

Background

The CSS property to change the background color of an element to Hex 085B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085B4D }
```

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

```
.background{ background-color:#085B4D }
```

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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