

# Converting Colors

Hex(085834)

Have a look what the booklet for  
Hex(085834) contains.

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# Color

Hex(085834)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	085834
RGB	8, 88, 52
RGB Percent	3%, 35%, 20%
CMY	0.9686, 0.6549, 0.7961
CMYK	0.91, 0.00, 0.41, 0.65
HSL	153°, 83%, 19%
HSV	153°, 91%, 35%
XYZ	4.2097, 7.2790, 4.4319
YIQ	59.9760, -36.1240, -28.1560

# Conversions

## Conversions Part 2

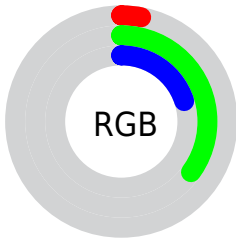
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 60, 88
Decimal	546868
CIE <sub>Lab</sub>	32.43, -31.86, 14.71
CIE <sub>LCh</sub>	32, 35.092, 155.219
Yxy	7.2790, 0.2644, 0.4572
Android (android.graphics.Color)	4278736948 (0xFF085834)
YUV	59.9760, -3.9322, -45.5830
Hunter-Lab	26.9796, -19.3626, 9.1462

# Details

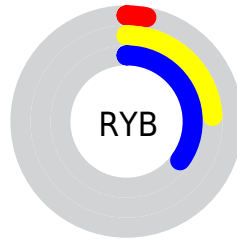
The Hex color **085834** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **58082C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **448B63**, and **002A07** is the 20% darker color. If you saturate the color by 10%, you get **005830**, and if you desaturate by 10%, it is **115838**.

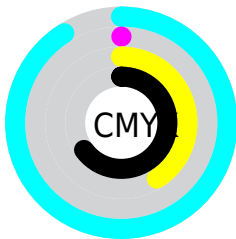
# Distribution



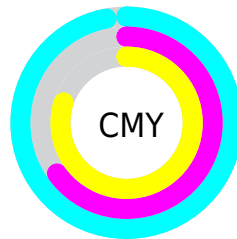
- Red (3%)
- Green (35%)
- Blue (20%)



- Red (3%)
- Yellow (24%)
- Blue (35%)



- Cyan (91%)
- Magenta (0%)
- Yellow (41%)
- Black (65%)



- Cyan (97%)
- Magenta (65%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 085834 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 085834 by changing the saturation by 10% instead.



 085834

 085834

FFFFFF

 00401E

 448B63

 002A07

 5FA57C

 001000

 79C196

 000000

 94DDB0

 B0FACC

 CCFFE8

 E9FFFF

 085834

 085834

■ 005830

■ 115838

■ 1A583C

■ 225840

■ 2B5844

■ 345848

■ 3D584C

■ 465850

■ 4E5854

■ 575858

# Harmonies

## Analogous

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



3A541C



085834



005A50

# Triad

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



085834



194E83



7C382E

# Complementary

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



085834



58082C

# 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.



7E3349



085834



54437A

# Square

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



085834



00557E



723864



6D4219

# Rectangle

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



085834



005963



723864



7E3536



# Sweetspot

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



085834



547365



2C5808



283B32



BABABA



3B3B3B



# Same Dimension

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



085834



00733F



085458



272B29



006B3B



00EB81



# Inverse Universe

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



58082C



730034



580C08



2B2729



6B0030

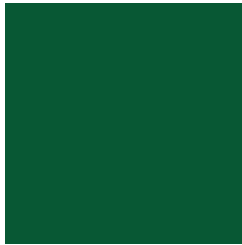


EB006A



# Previews

## White Background



This preview shows how the Hex color 085834 looks on a white background.

## Color Contrast Check

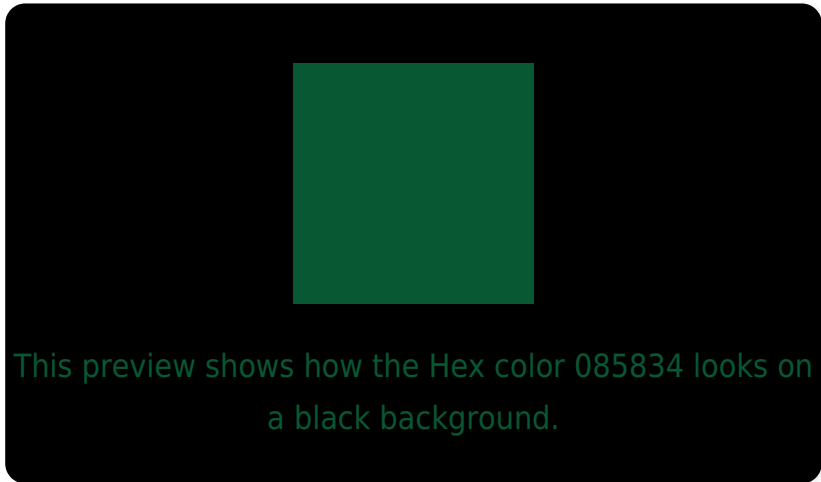
Large Text (above 18pt) WCAG AA ✓ Pass

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 085834 Background



This preview shows how black text looks on a background with the Hex color 085834.



This preview shows how white text looks on a background with the Hex color 085834.

# 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**  
085834

**Protanopia**  
534C2F

**Deuteranopia**  
5A4938



# Trichromacy



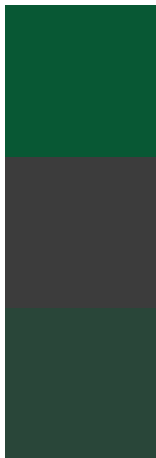
**Original Color**  
085834

**Protanomaly**  
385031

**Deuteranomaly**  
3C4E37

**Tritanomaly**  
18554C

# Monochromacy



**Original Color**  
085834

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
294639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 085834 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 #085834 looks like.

```
.text, #text, p{  
    color:#085834  
}
```

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 #085834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085834
}
```

## Border

The CSS property to change the border of an element to Hex 085834 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
#085834 }
```

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

```
.border{ border-color:#085834 }
```

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

Here you see how a box with a 4 pixel #085834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085834; -webkit-box-shadow:4px 4px  
4px 4px #085834; box-shadow:4px 4px 4px  
4px #085834 }
```

# Background

The CSS property to change the background color of an element to Hex 085834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085834 }
```

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

```
.background{ background-color:#085834 }
```

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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