

# Converting Colors

Hex(085000)

Have a look what the booklet for  
Hex(085000) contains.

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# Color

**Hex(085000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	085000
RGB	8, 80, 0
RGB Percent	3%, 31%, 0%
CMY	0.9686, 0.6863, 1.0000
CMYK	0.90, 0.00, 1.00, 0.69
HSL	114°, 100%, 16%
HSV	114°, 100%, 31%
XYZ	2.9688, 5.7889, 0.9609
YIQ	49.3520, -17.2320, -40.1440

# Conversions

## Conversions Part 2

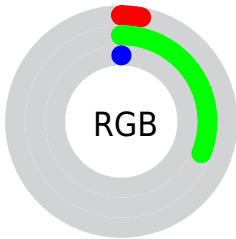
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 80, 72</a>
Decimal	<a href="#">544768</a>
CIELab	<a href="#">28.87, -35.96, 36.04</a>
CIELCh	<a href="#">29, 50.907, 134.935</a>
Yxy	<a href="#">5.7889, 0.3055, 0.5957</a>
Android (android.graphics.Color)	<a href="#">4278734848 (0xFF085000)</a>
YUV	<a href="#">49.3520, -24.3305, -36.2657</a>
Hunter-Lab	<a href="#">24.0602, -20.0802, 14.4743</a>

# Details

The Hex color **085000** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **480050**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **448233**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **085000**, and if you desaturate by 10%, it is **0F5008**.

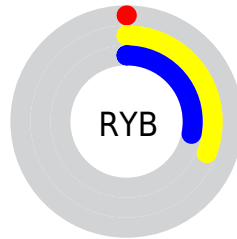
# Distribution



Red (3%)

Green (31%)

Blue (0%)



Red (0%)

Yellow (31%)

Blue (28%)

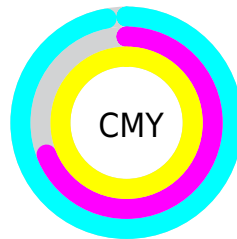


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (97%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 085000 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 085000 by changing the saturation by 10% instead.



 085000

 085000

 FFFFEC

 003800

 448233

 002400

 5E9D4B

 000000

 79B864

 94D47E

 B0F099

 CCFFB4

 E9FFD0

 085000

 0F5008

 165010

 1E5018

 255020

 2C5028

 335030

 3A5038

 425040

 495048

# Harmonies

## Analogous

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



424800



085000



00542E

# Triad

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



085000



004E91



880F32

# Complementary

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



085000



480050

# 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.



7F155A



085000



004291

# Square

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



085000



00547B



5D2F7C



7D270C

# Rectangle

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



085000



00554A



5D2F7C



870C3F



# Sweetspot

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



085000



4C6949



504800



243622



B5B5B5



363636



# Same Dimension

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



085000



0A6900



005020



252925



17E800

# Inverse Universe

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



480050



5E0069



500030



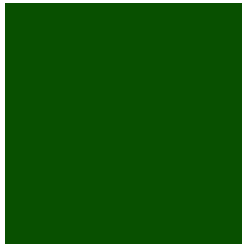
282529



D100E8

# Previews

## White Background



This preview shows how the Hex color 085000 looks on a white background.

## Color Contrast Check

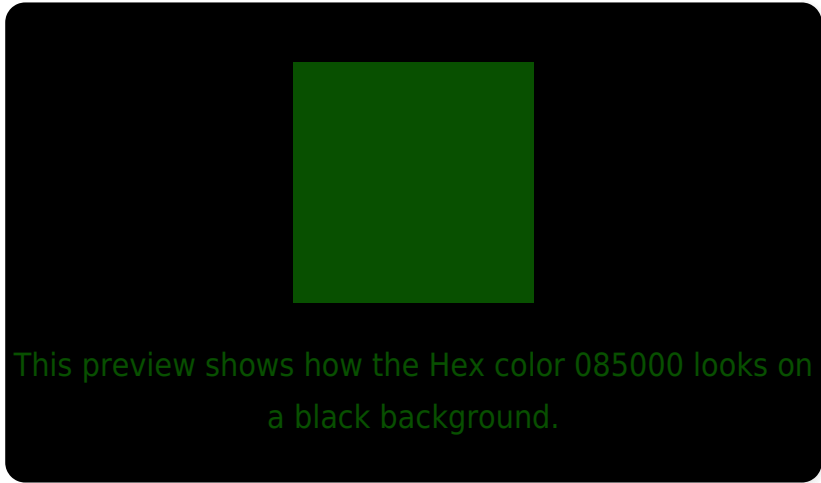
Large Text (above 18pt) WCAG AA ✓ Pass

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

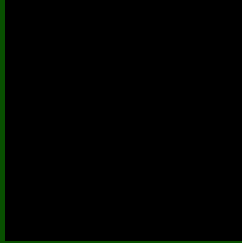
Any Text WCAG AA × Fail

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 085000 Background



This preview shows how black text looks on a background with the Hex color 085000.



This preview shows how white text looks on a background with the Hex color 085000.

# 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

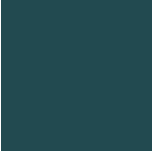


**Original Color**  
085000

**Protanopia**  
4D4500

**Deuteranopia**  
564111





**Tritanopia**  
224A50

# Trichromacy



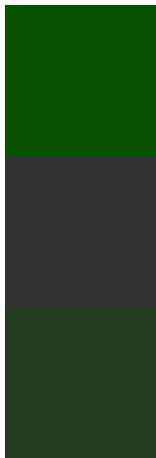
**Original Color**  
085000

**Protanomaly**  
344900

**Deuteranomaly**  
3A460B

**Tritanomaly**  
194C33

# Monochromacy



**Original Color**  
085000

**Achromatopsia**  
313131

**Achromatomaly**  
223C1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 085000 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 #085000 looks like.

```
.text, #text, p{  
    color:#085000  
}
```

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 #085000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085000
}
```

## Border

The CSS property to change the border of an element to Hex 085000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

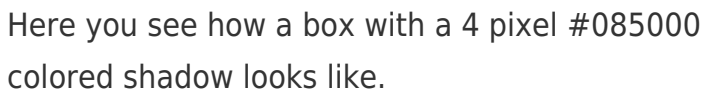
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#085000 }
```

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

```
.border{ border-color:#085000 }
```

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



Here you see how a box with a 4 pixel #085000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085000; -webkit-box-shadow:4px 4px  
4px 4px #085000; box-shadow:4px 4px 4px  
4px #085000 }
```

# Background

The CSS property to change the background color of an element to Hex 085000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085000 }
```

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

```
.background{ background-color:#085000 }
```

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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