

# Converting Colors

Hex(085208)

Have a look what the booklet for  
Hex(085208) contains.

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**Color**

**Hex(085208)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	085208
RGB	8, 82, 8
RGB Percent	3%, 32%, 3%
CMY	0.9686, 0.6784, 0.9686
CMYK	0.90, 0.00, 0.90, 0.68
HSL	120°, 82%, 18%
HSV	120°, 90%, 32%
XYZ	3.1613, 6.1037, 1.2413
YIQ	51.4380, -20.3500, -38.7020

# Conversions

## Conversions Part 2

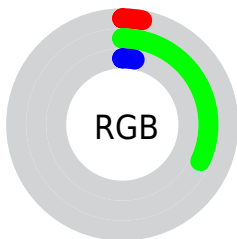
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 82, 82
Decimal	545288
CIELab	29.67, -36.07, 33.73
CIELCh	30, 49.385, 136.915
Yxy	6.1037, 0.3009, 0.5810
Android (android.graphics.Color)	4278735368 (0xFF085208)
YUV	51.4380, -21.4149, -38.0951
Hunter-Lab	24.7058, -20.3948, 14.3152

# Details

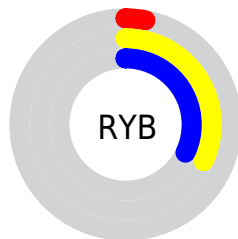
The Hex color **085208** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **520852**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **44843A**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **005200**, and if you desaturate by 10%, it is **105210**.

# Distribution



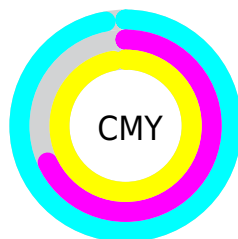
- Red (3%)
- Green (32%)
- Blue (3%)



- Red (3%)
- Yellow (32%)
- Blue (32%)



- Cyan (90%)
- Magenta (0%)
- Yellow (90%)
- Black (68%)



- Cyan (97%)
- Magenta (68%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 085208 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 085208 by changing the saturation by 10% instead.



 085208

 085208

 FFFFF3

 003A00

 44843A

 002600

 5F9F52

 000000

 79BA6B

 94D685

 B0F39F

 CCFFBB

 E9FFD7

 085208

 085208

■ 005200

■ 105210

■ 185218

■ 215221

■ 295229

■ 315231

■ 395239

■ 415241

■ 4A524A

■ 525252

# Harmonies

## Analogous

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



424B00



085208



005633

# Triad

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



085208



004F91



881732

# Complementary

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



085208



520852

# 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.



811A58



085208



094390

# Square

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



085208



00557E



62307B



7C2B0D

# Rectangle

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



085208



00564E



62307B



88143F



# Sweetspot

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



085208



4E6B4E



525208



243624



B5B5B5



363636



# Same Dimension

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



085208



006B00



08522D



252925



006900



00E800



# Inverse Universe

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



520852



6B006B



52082D



292529



690069

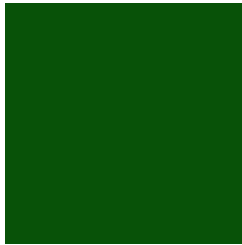


E800E8



# Previews

## White Background



This preview shows how the Hex color 085208 looks on a white background.

## Color Contrast Check

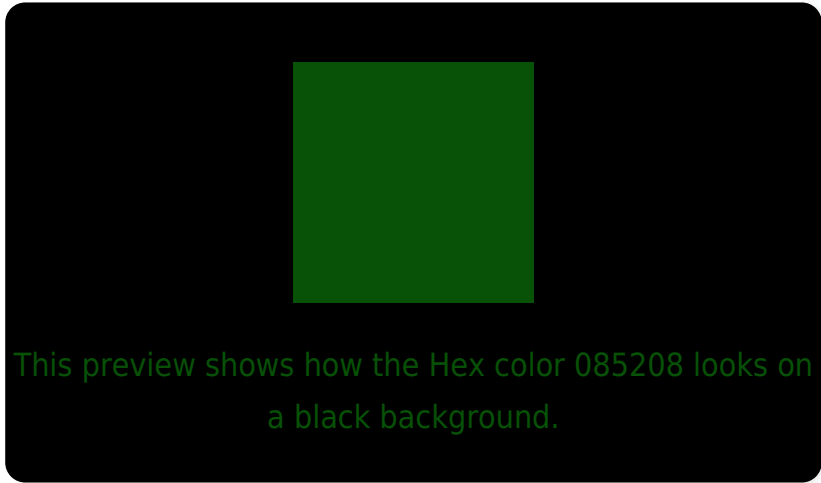
Large Text (above 18pt) WCAG AA ✓ Pass

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

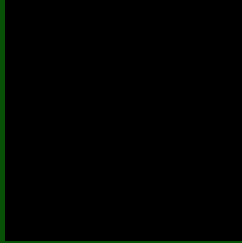
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 085208 Background



This preview shows how black text looks on a background with the Hex color 085208.



This preview shows how white text looks on a background with the Hex color 085208.

# 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**  
085208

**Deuteranopia**  
584313

**Tritanopia**  
234C52

# Trichromacy

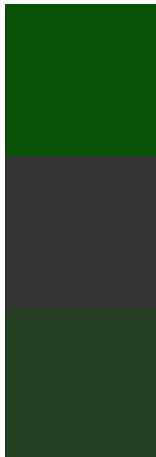


**Original Color**  
085208

**Deuteranomaly**  
3B480F

**Tritanomaly**  
194E37

# Monochromacy



**Original Color**  
085208

**Achromatopsia**  
333333

**Achromatomaly**  
233E23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 085208 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 #085208 looks like.

```
.text, #text, p{  
    color:#085208  
}
```

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 #085208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085208
}
```

## Border

The CSS property to change the border of an element to Hex 085208 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".

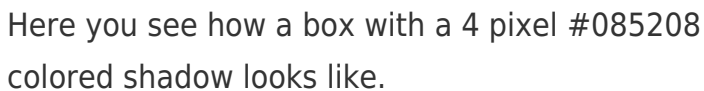
```
.border, #border, table{ border:4px solid
#085208 }
```

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

```
.border{ border-color:#085208 }
```

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

Here you see how a box with a 4 pixel #085208 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085208; -webkit-box-shadow:4px 4px  
4px 4px #085208; box-shadow:4px 4px 4px  
4px #085208 }
```

# Background

The CSS property to change the background color of an element to Hex 085208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085208 }
```

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

```
.background{ background-color:#085208 }
```

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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