

# Converting Colors

Hex(085A2A)

Have a look what the booklet for  
Hex(085A2A) contains.

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# Color

**Hex(085A2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	085A2A
RGB	8, 90, 42
RGB Percent	3%, 35%, 16%
CMY	0.9686, 0.6471, 0.8353
CMYK	0.91, 0.00, 0.53, 0.65
HSL	145°, 84%, 19%
HSV	145°, 91%, 35%
XYZ	4.1742, 7.5311, 3.4241
YIQ	60.0100, -33.4640, -32.3120

# Conversions

## Conversions Part 2

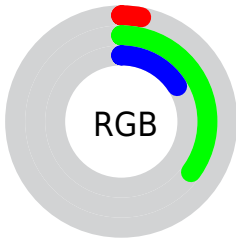
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 66, 90
Decimal	547370
CIELab	32.99, -34.74, 21.33
CIELCh	33, 40.768, 148.451
Yxy	7.5311, 0.2759, 0.4978
Android (android.graphics.Color)	4278737450 (0xFF085A2A)
YUV	60.0100, -8.8789, -45.6128
Hunter-Lab	27.4429, -20.8742, 11.8122

# Details

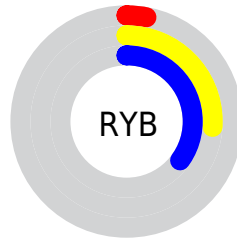
The Hex color **085A2A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5A0838**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **458D58**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **005A25**, and if you desaturate by 10%, it is **115A2F**.

# Distribution



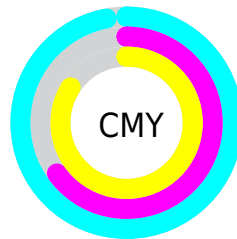
- Red (3%)
- Green (35%)
- Blue (16%)



- Red (3%)
- Yellow (26%)
- Blue (35%)



- Cyan (91%)
- Magenta (0%)
- Yellow (53%)
- Black (65%)



- Cyan (97%)
- Magenta (65%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 085A2A 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 085A2A by changing the saturation by 10% instead.





085A2A



085A2A

FFFFFF



004214



458D58



002B00



60A871



001200



7AC38B



000000



95DFA5



B1FCC1



CDFDD



EAFF9



085A2A



085A2A

■ 005A25

■ 115A2F

■ 1A5A35

■ 235A3A

■ 2C5A3F

■ 355A44

■ 3E5A4A

■ 475A4F

■ 505A54

■ 595A59

# Harmonies

## Analogous

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



3F550D



085A2A



005C4B

# Triad

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



085A2A



00528E



863231

# Complementary

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



085A2A



5A0838

# 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.



852E51



085A2A



4A4686

# Square

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



085A2A



005984



733770



773F15

# Rectangle

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



085A2A



005D61



733770



872F3B



# Sweetspot

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



085A2A



567563



395A08



283B30



BABABA



3B3B3B



# Same Dimension

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



085A2A



007531



085A52



292E2B



006E2D



00ED62



# Inverse Universe

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



5A0838



750045



5A0810



2E292C



6E0040



ED008B



# Previews

## White Background



This preview shows how the Hex color 085A2A looks on a white background.

## Color Contrast Check

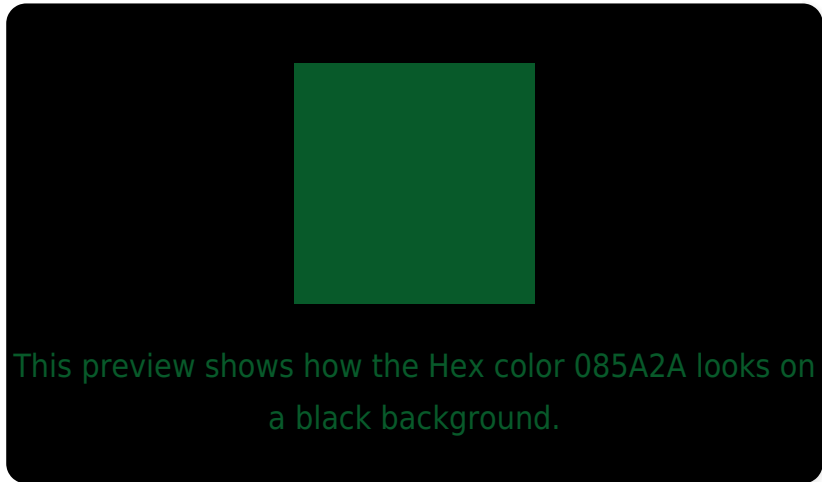
Large Text (above 18pt) WCAG AA ✓ Pass

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

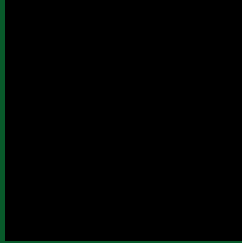
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 085A2A Background



This preview shows how black text looks on a background with the Hex color 085A2A.



This preview shows how white text looks on a background with the Hex color 085A2A.

# 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](#).

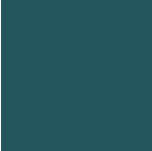
## Dichromacy



**Original Color**  
085A2A

**Protanopia**  
564E26

**Deuteranopia**  
5E4A2E



**Tritanopia**  
24555C

# Trichromacy



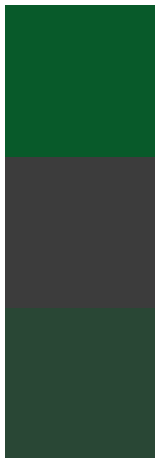
**Original Color**  
085A2A

**Protanomaly**  
3A5227

**Deuteranomaly**  
3F502D

**Tritanomaly**  
1A574A

# Monochromacy



**Original Color**  
085A2A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
294735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 085A2A 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 #085A2A looks like.

```
.text, #text, p{  
    color:#085A2A  
}
```

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 #085A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085A2A
}
```

## Border

The CSS property to change the border of an element to Hex 085A2A 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
#085A2A }
```

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

```
.border{ border-color:#085A2A }
```

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

Here you see how a box with a 4 pixel #085A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085A2A; -webkit-box-shadow:4px 4px  
4px 4px #085A2A; box-shadow:4px 4px 4px  
4px #085A2A }
```

# Background

The CSS property to change the background color of an element to Hex 085A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085A2A }
```

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

```
.background{ background-color:#085A2A }
```

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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