

Converting Colors

Hex(085B00)

Have a look what the booklet for
Hex(085B00) contains.

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Color

Hex(085B00)

Conversions

Conversions Part 1

Format	Color
Hex	085B00
RGB	8, 91, 0
RGB Percent	3%, 36%, 0%
CMY	0.9686, 0.6431, 1.0000
CMYK	0.91, 0.00, 1.00, 0.64
HSL	115°, 100%, 18%
HSV	115°, 100%, 36%
XYZ	3.8412, 7.5338, 1.2517
YIQ	55.8090, -20.2570, -45.8970

Conversions

Conversions Part 2

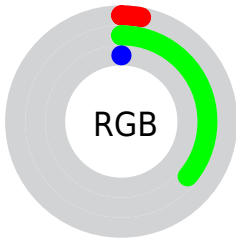
Format	Color
RYB	0, 91, 83
Decimal	547584
CIELab	32.99, -39.59, 39.33
CIELCh	33, 55.805, 135.187
Yxy	7.5338, 0.3042, 0.5967
Android (android.graphics.Color)	4278737664 (0xFF085B00)
YUV	55.8090, -27.5138, -41.9285
Hunter-Lab	27.4478, -23.0531, 16.5096

Details

The Hex color **085B00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **53005B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **488E36**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **085B00**, and if you desaturate by 10%, it is **105B09**.

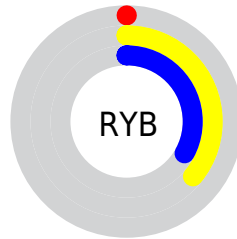
Distribution



Red (3%)

Green (36%)

Blue (0%)



Red (0%)

Yellow (36%)

Blue (33%)

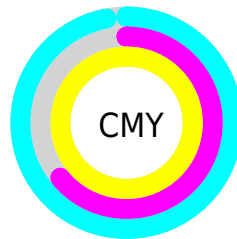


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (97%)

Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085B00 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 085B00 by changing the saturation by 10% instead.

 085B00

 085B00

 FFFFF1

 004300

 488E36

 002C00

 63A94F

 001200

 7EC568

 000000

 99E182

 B5FE9D

 D2FFB8

 EFFFFD4


 085B00

 105B09

 195B12

 215B1B

 295B24

 315B2E

 3A5B37

 425B40

 4A5B49

 535B52

Harmonies

Analogous

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



4B5300



085B00



005F35

Triad

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



085B00



0059A4



991239

Complementary

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



085B00



53005B

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.



901965



085B00



004CA4

Square

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



085B00



005F8C



6A358C



8D2D0E

Rectangle

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



085B00



006054



6A358C



990E48

Sweetspot

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



085B00



557552



5B5200



273B26



BABABA



3B3B3B

Same Dimension

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



085B00



0A7500



005B24



2A2E29



0A6E00



15ED00

Inverse Universe

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



53005B



6B0075



5B0037



2D292E



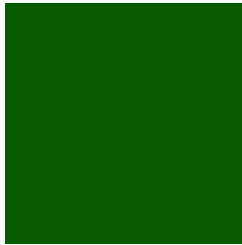
64006E



D800ED

Previews

White Background



This preview shows how the Hex color 085B00 looks on a white background.

Color Contrast Check

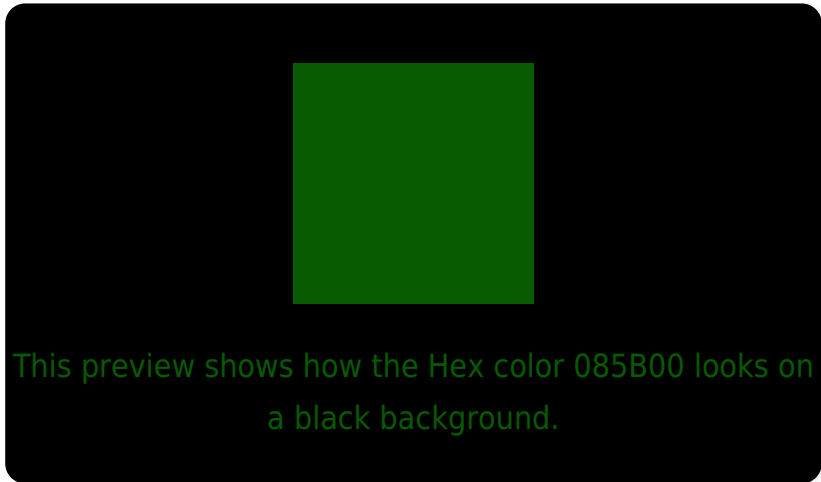
Large Text (above 18pt) WCAG AA ✓ Pass

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

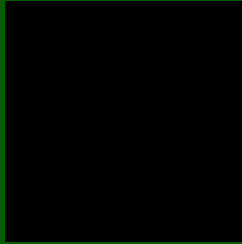
Any Text WCAG AA × Fail

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 085B00 Background



This preview shows how black text looks on a background with the Hex color 085B00.



This preview shows how white text looks on a background with the Hex color 085B00.

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
085B00

Protanopia
584E00

Deuteranopia
624A14



Tritanopia
27555B

Trichromacy



Original Color
085B00

Protanomaly
3B5300

Deuteranomaly
41500D

Tritanomaly
1C573A

Monochromacy



Original Color
085B00

Achromatopsia
383838

Achromatomaly
274524

CSS Examples

Text

The CSS property to change the color of the text to Hex 085B00 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 #085B00 looks like.

```
.text, #text, p{  
    color:#085B00  
}
```

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 #085B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085B00
}
```

Border

The CSS property to change the border of an element to Hex 085B00 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
#085B00 }
```

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

```
.border{ border-color:#085B00 }
```

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

Here you see how a box with a 4 pixel #085B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085B00; -webkit-box-shadow:4px 4px  
4px 4px #085B00; box-shadow:4px 4px 4px  
4px #085B00 }
```

Background

The CSS property to change the background color of an element to Hex 085B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085B00 }
```

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

```
.background{ background-color:#085B00 }
```

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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