

Converting Colors

Hex(085B32)

Have a look what the booklet for
Hex(085B32) contains.

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Color

Hex(085B32)

Conversions

Conversions Part 1

Format	Color
Hex	085B32
RGB	8, 91, 50
RGB Percent	3%, 36%, 20%
CMY	0.9686, 0.6431, 0.8039
CMYK	0.91, 0.00, 0.45, 0.64
HSL	150°, 84%, 19%
HSV	150°, 91%, 36%
XYZ	4.4169, 7.7641, 4.2834
YIQ	61.5090, -36.3070, -30.3470

Conversions

Conversions Part 2

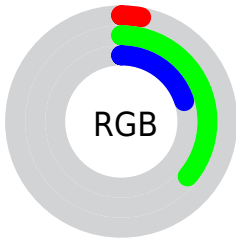
Format	Color
RYB	8, 63, 91
Decimal	547634
CIELab	33.49, -33.54, 17.30
CIELCh	33, 37.742, 152.715
Yxy	7.7641, 0.2683, 0.4716
Android (android.graphics.Color)	4278737714 (0xFF085B32)
YUV	61.5090, -5.6739, -46.9274
Hunter-Lab	27.8641, -20.4668, 10.3905

Details

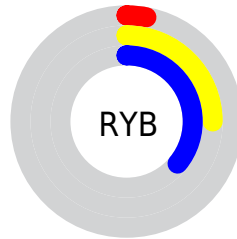
The Hex color **085B32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5B0831**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **458E61**, and **002C05** is the 20% darker color. If you saturate the color by 10%, you get **005B2E**, and if you desaturate by 10%, it is **115B36**.

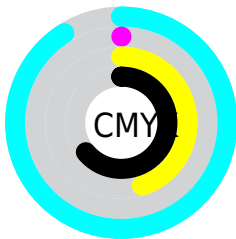
Distribution



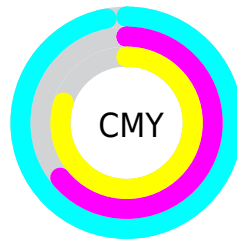
- Red (3%)
- Green (36%)
- Blue (20%)



- Red (3%)
- Yellow (25%)
- Blue (36%)



- Cyan (91%)
- Magenta (0%)
- Yellow (45%)
- Black (64%)



- Cyan (97%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085B32 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 085B32 by changing the saturation by 10% instead.

 085B32

 085B32

FFFFFF

 00431C

 458E61

 002C05

 60A97A

 001400

 7AC494

 000000

 96E0AE

 B1FDCA

 CEFFE6

 EAFFFF

 085B32

 085B32

■ 005B2E

■ 115B36

■ 1A5B3B

■ 235B3F

■ 2C5B44

■ 355B48

■ 3F5B4D

■ 485B51

■ 515B56

■ 5A5B5A

Harmonies

Analogous

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



3D5618



085B32



005D51

Triad

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



085B32



00518B



823730

Complementary

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



085B32



5B0831

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.



84324D



085B32



534681

Square

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



085B32



005984



75396B



744318

Rectangle

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



085B32



005D65



75396B



853539

Sweetspot

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



085B32



567566



325B08



283B31



BABABA



3B3B3B

Same Dimension

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



085B32



00753B



085B5B



292E2C



006E37



00ED78

Inverse Universe

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



5B0831



75003A



5B0808



2E292C



6E0036



ED0075

Previews

White Background



This preview shows how the Hex color 085B32 looks on a white background.

Color Contrast Check

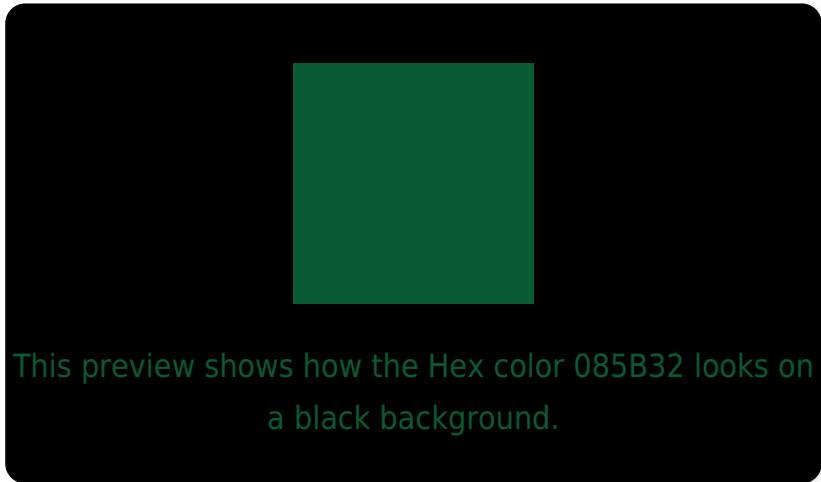
Large Text (above 18pt) WCAG AA ✓ Pass

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

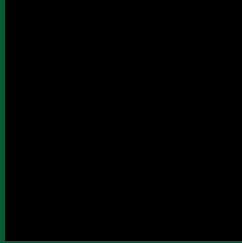
Any Text WCAG AA × Fail

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 085B32 Background



This preview shows how black text looks on a background with the Hex color 085B32.



This preview shows how white text looks on a background with the Hex color 085B32.

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](#).

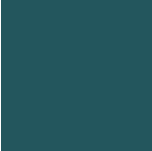
Dichromacy



Original Color
085B32

Protanopia
564F2D

Deuteranopia
5E4B36



Tritanopia
23565D

Trichromacy



Original Color
085B32



Protanomaly
3A532F



Deuteranomaly
3F5135

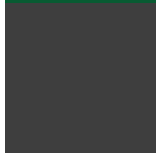


Tritanomaly
19584D

Monochromacy



Original Color
085B32



Achromatopsia
3E3E3E



Achromatomaly
2A493A

CSS Examples

Text

The CSS property to change the color of the text to Hex 085B32 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 #085B32 looks like.

```
.text, #text, p{  
    color:#085B32  
}
```

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 #085B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085B32
}
```

Border

The CSS property to change the border of an element to Hex 085B32 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
#085B32 }
```

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

```
.border{ border-color:#085B32 }
```

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

Here you see how a box with a 4 pixel #085B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085B32; -webkit-box-shadow:4px 4px  
4px 4px #085B32; box-shadow:4px 4px 4px  
4px #085B32 }
```

Background

The CSS property to change the background color of an element to Hex 085B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085B32 }
```

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

```
.background{ background-color:#085B32 }
```

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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