

# Converting Colors

Hex(085665)

Have a look what the booklet for  
Hex(085665) contains.

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# Color

**Hex(085665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	085665
RGB	8, 86, 101
RGB Percent	3%, 34%, 40%
CMY	0.9686, 0.6627, 0.6039
CMYK	0.92, 0.15, 0.00, 0.60
HSL	190°, 85%, 21%
HSV	190°, 92%, 40%
XYZ	5.7769, 7.6468, 13.4834
YIQ	64.3880, -51.3030, -11.8710

# Conversions

## Conversions Part 2

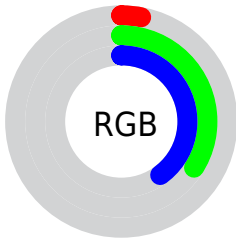
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 50, 101
Decimal	546405
CIELab	33.24, -15.64, -14.80
CIELCh	33, 21.530, 223.420
Yxy	7.6468, 0.2147, 0.2842
Android (android.graphics.Color)	4278736485 (0xFF085665)
YUV	64.3880, 18.0497, -49.4523
Hunter-Lab	27.6528, -11.1024, -9.5526

# Details

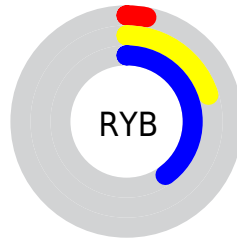
The Hex color **085665** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **651708**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **498898**, and **002836** is the 20% darker color. If you saturate the color by 10%, you get **005565**, and if you desaturate by 10%, it is **125865**.

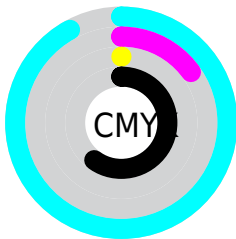
# Distribution



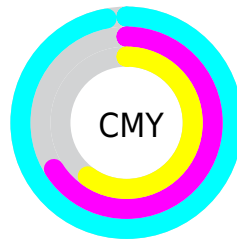
- Red (3%)
- Green (34%)
- Blue (40%)



- Red (3%)
- Yellow (20%)
- Blue (40%)



- Cyan (92%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)



- Cyan (97%)
- Magenta (66%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 085665 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 085665 by changing the saturation by 10% instead.



085665

085665

FFFFFF

003F4D

498898

002836

64A2B3

001521

7FBDCE

000008

9BD9EA

000000

B7F6FF

D3FFFF

F0FFFF

085665

085665

■ 005565

■ 125865

■ 1C5965

■ 265B65

■ 305D65

■ 3A5E65

■ 456065

■ 4F6165

■ 596365

■ 636565

# Harmonies

## Analogous

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



115755



085665



25536E

# Triad

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



085665



694258



52502D

# Complementary

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



085665



651708

# 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.



624A2E



085665



6F4147

# Square

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



085665



5A4767



6C4438



3F5435

# Rectangle

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



085665



394F70



6C4438



574E2C



# Sweetspot

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



085665



5E7C82



086516



2C3F42



C2C2C2



424242



# Same Dimension

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



085665



006D82



082965



2E3233



006073



00CBF2



# Inverse Universe

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



650856



82006D



654408



332E32



730060



F200CB



# Previews

## White Background



This preview shows how the Hex color 085665 looks on a white background.

## Color Contrast Check

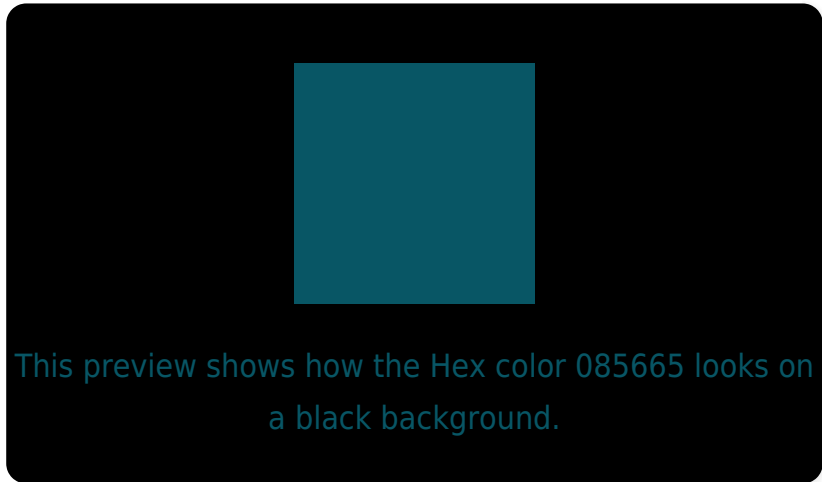
Large Text (above 18pt) WCAG AA ✓ Pass

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

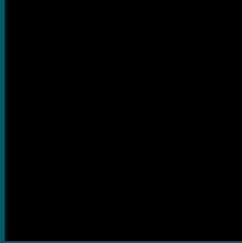
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 085665 Background



This preview shows how black text looks on a background with the Hex color 085665.



This preview shows how white text looks on a background with the Hex color 085665.

# 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



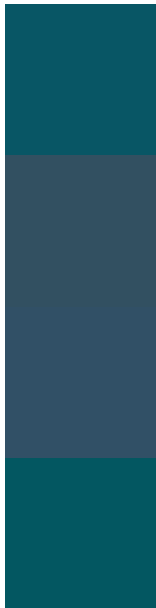
**Original Color**  
085665

**Protanopia**  
4A4D5F

**Deuteranopia**  
484D67



# Trichromacy



**Original Color**  
085665

**Protanomaly**  
325061

**Deuteranomaly**  
315066

**Tritanomaly**  
035761

# Monochromacy



**Original Color**  
085665

**Achromatopsia**  
404040

**Achromatomaly**  
2C484D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 085665 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 #085665 looks like.

```
.text, #text, p{  
    color:#085665  
}
```

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 #085665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085665
}
```

## Border

The CSS property to change the border of an element to Hex 085665 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
#085665 }
```

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

```
.border{ border-color:#085665 }
```

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

Here you see how a box with a 4 pixel #085665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085665; -webkit-box-shadow:4px 4px  
4px 4px #085665; box-shadow:4px 4px 4px  
4px #085665 }
```

# Background

The CSS property to change the background color of an element to Hex 085665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085665 }
```

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

```
.background{ background-color:#085665 }
```

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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