

Converting Colors

Hex(085771)

Have a look what the booklet for
Hex(085771) contains.

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Color

Hex(085771)

Conversions

Conversions Part 1

Format	Color
Hex	085771
RGB	8, 87, 113
RGB Percent	3%, 34%, 44%
CMY	0.9686, 0.6588, 0.5569
CMYK	0.93, 0.23, 0.00, 0.56
HSL	195°, 87%, 24%
HSV	195°, 93%, 44%
XYZ	6.4890, 8.0603, 16.8366
YIQ	66.3430, -55.4300, -8.6620

Conversions

Conversions Part 2

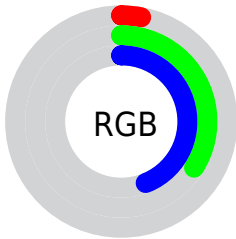
Format	Color
RYB	8, 53, 113
Decimal	546673
CIELab	34.11, -11.63, -20.95
CIELCh	34, 23.966, 240.971
Yxy	8.0603, 0.2067, 0.2568
Android (android.graphics.Color)	4278736753 (0xFF085771)
YUV	66.3430, 23.0019, -51.1668
Hunter-Lab	28.3906, -8.8855, -15.2875

Details

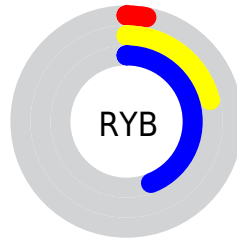
The Hex color **085771** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **712208**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4C89A5**, and **002A41** is the 20% darker color. If you saturate the color by 10%, you get **005571**, and if you desaturate by 10%, it is **135A71**.

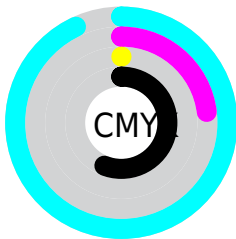
Distribution



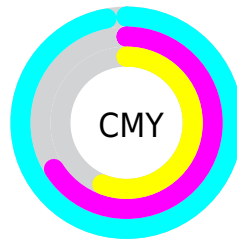
- Red (3%)
- Green (34%)
- Blue (44%)



- Red (3%)
- Yellow (21%)
- Blue (44%)



- Cyan (93%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (97%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085771 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 085771 by changing the saturation by 10% instead.

085771

085771

FFFFFF

004058

4C89A5

002A41

67A3C0

00162B

83BEDC

000116

9EDAF9

000000

BBF7FF

D7FFFF

F5FFFF

085771

085771

■ 005571

■ 135A71

■ 1F5D71

■ 2A5F71

■ 356271

■ 416571

■ 4C6871

■ 576B71

■ 626D71

■ 6E7071

Harmonies

Analogous

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



005A63



085771



345276

Triad

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



085771



744150



48552F

Complementary

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



085771



712208

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.



5C4F2A



085771



74433E

Square

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



085771



694463



6B492F



31593D

Rectangle

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



085771



4A4D74



6B492F



4F532C

Sweetspot

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



085771



6A8A94



087121



31444A



C9C9C9



4A4A4A

Same Dimension

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



085771



006F94



082471



323738



005A78



00BAF7

Inverse Universe

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



710857



94006F



715508



383237



78005A



F700BA

Previews

White Background



This preview shows how the Hex color 085771 looks on a white background.

Color Contrast Check

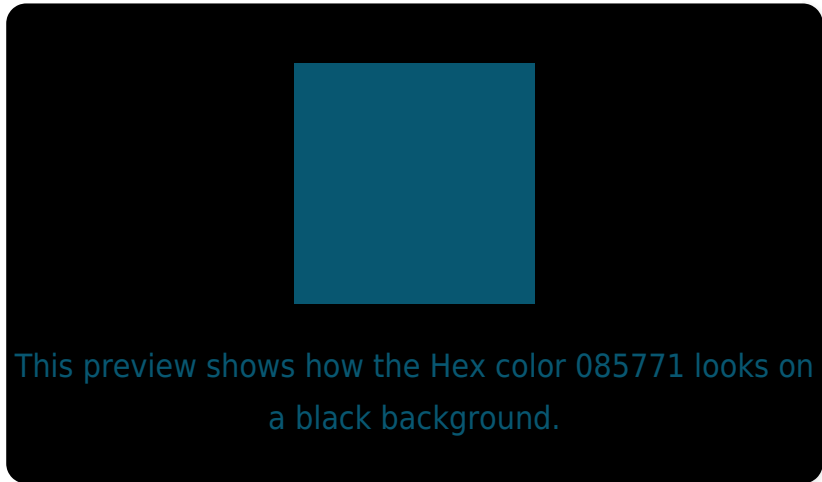
Large Text (above 18pt) WCAG AA ✓ Pass

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

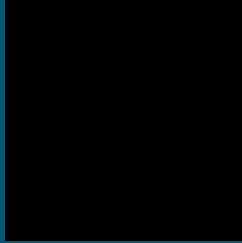
Any Text WCAG AA × Fail

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 085771 Background



This preview shows how black text looks on a background with the Hex color 085771.

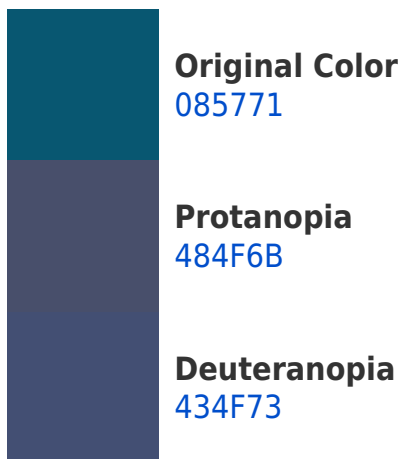


This preview shows how white text looks on a background with the Hex color 085771.

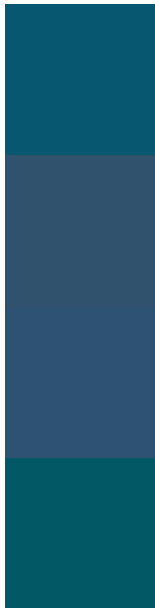
Color Blindness Simulation

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



Trichromacy



Original Color
085771

Protanomaly
31526D

Deuteranomaly
2E5272

Tritanomaly
035866

Monochromacy



Original Color
085771

Achromatopsia
424242

Achromatomaly
2D4A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 085771 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 #085771 looks like.

```
.text, #text, p{  
    color:#085771  
}
```

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 #085771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085771
}
```

Border

The CSS property to change the border of an element to Hex 085771 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
#085771 }
```

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

```
.border{ border-color:#085771 }
```

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

Here you see how a box with a 4 pixel #085771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085771; -webkit-box-shadow:4px 4px  
4px 4px #085771; box-shadow:4px 4px 4px  
4px #085771 }
```

Background

The CSS property to change the background color of an element to Hex 085771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085771 }
```

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

```
.background{ background-color:#085771 }
```

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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