

# Converting Colors

Hex(08536B)

Have a look what the booklet for  
Hex(08536B) contains.

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# Color

**Hex(08536B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08536B
RGB	8, 83, 107
RGB Percent	3%, 33%, 42%
CMY	0.9686, 0.6745, 0.5804
CMYK	0.93, 0.22, 0.00, 0.58
HSL	195°, 86%, 23%
HSV	195°, 93%, 42%
XYZ	5.8472, 7.2997, 15.0107
YIQ	63.3110, -52.4040, -8.4360

# Conversions

## Conversions Part 2

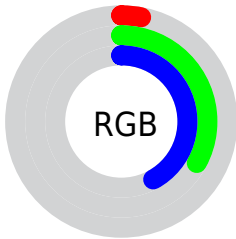
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 51, 107
Decimal	545643
CIELab	32.48, -11.58, -19.73
CIELCh	32, 22.881, 239.590
Yxy	7.2997, 0.2077, 0.2592
Android (android.graphics.Color)	4278735723 (0xFF08536B)
YUV	63.3110, 21.5387, -48.5077
Hunter-Lab	27.0179, -8.6502, -14.0280

# Details

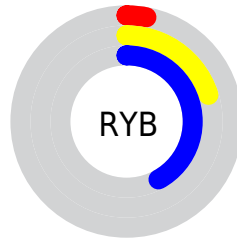
The Hex color **08536B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B2008**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4A859E**, and **00263C** is the 20% darker color. If you saturate the color by 10%, you get **00516B**, and if you desaturate by 10%, it is **13566B**.

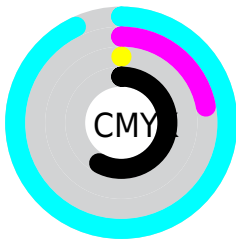
# Distribution



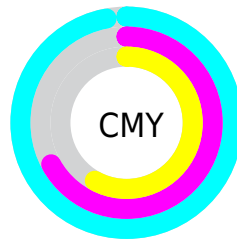
- Red (3%)
- Green (33%)
- Blue (42%)



- Red (3%)
- Yellow (20%)
- Blue (42%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (58%)



- Cyan (97%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08536B 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 08536B by changing the saturation by 10% instead.



08536B

08536B

FFFFFF

003C53

4A859E

00263C

659FB9

001226

80BAD5

000110

9CD5F2

000000

B8F2FF

D5FFFF

F2FFFF

08536B

08536B

■ 00516B

■ 13566B

■ 1D586B

■ 285B6B

■ 335D6B

■ 3E606B

■ 48636B

■ 53656B

■ 5E686B

■ 686A6B

# Harmonies

## Analogous

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



00565E



08536B



314E70

# Triad

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



08536B



6E3E4D



46512C

# Complementary

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



08536B



6B2008

# 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.



584B28



08536B



6F403C

# Square

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



08536B



63425F



67452E



30543A

# Rectangle

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



08536B



454A6E



67452E



4C4F2A



# Sweetspot

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



08536B



65838C



086B1F



2F4247



C7C7C7



474747



# Same Dimension

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



08536B



006A8C



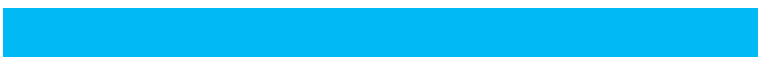
08226B



303436



005975



00B9F5



# Inverse Universe

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



6B0853



8C006A



6B5108



363034



750059



F500B9



# Previews

## White Background



This preview shows how the Hex color 08536B looks on a white background.

## Color Contrast Check

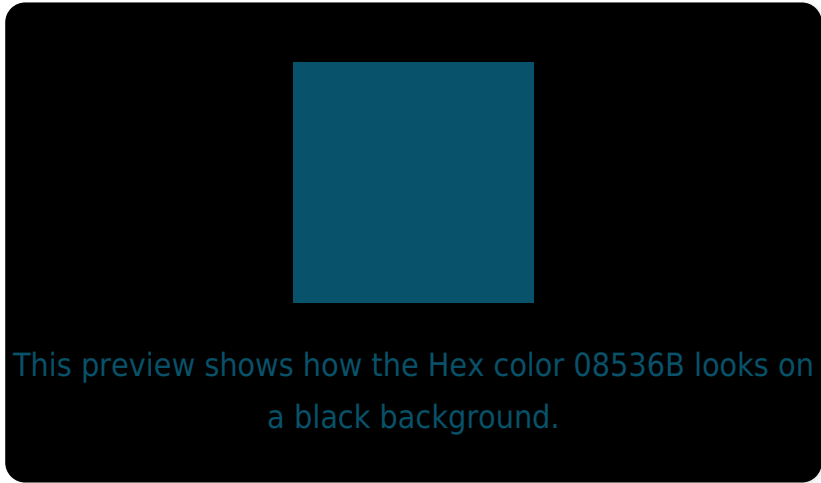
Large Text (above 18pt) WCAG AA ✓ Pass

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

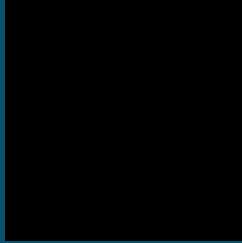
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 08536B Background



This preview shows how black text looks on a background with the Hex color 08536B.



This preview shows how white text looks on a background with the Hex color 08536B.

# 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**  
08536B

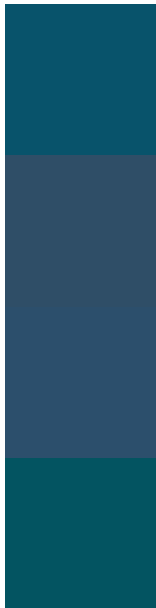
**Protanopia**  
454B65

**Deuteranopia**  
404C6D



**Tritanopia**  
00555C

# Trichromacy



**Original Color**  
08536B

**Protanomaly**  
2F4E67

**Deuteranomaly**  
2C4F6C

**Tritanomaly**  
035461

# Monochromacy



**Original Color**  
08536B

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2B464F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08536B 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 #08536B looks like.

```
.text, #text, p{  
    color:#08536B  
}
```

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 #08536B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08536B
}
```

## Border

The CSS property to change the border of an element to Hex 08536B 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
#08536B }
```

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

```
.border{ border-color:#08536B }
```

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

Here you see how a box with a 4 pixel #08536B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08536B; -webkit-box-shadow:4px 4px  
4px 4px #08536B; box-shadow:4px 4px 4px  
4px #08536B }
```

# Background

The CSS property to change the background color of an element to Hex 08536B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08536B }
```

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

```
.background{ background-color:#08536B }
```

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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