

# Converting Colors

Hex(0A536B)

Have a look what the booklet for  
Hex(0A536B) contains.

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# Color

**Hex(0A536B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A536B
RGB	10, 83, 107
RGB Percent	4%, 33%, 42%
CMY	0.9608, 0.6745, 0.5804
CMYK	0.91, 0.22, 0.00, 0.58
HSL	195°, 83%, 23%
HSV	195°, 91%, 42%
XYZ	5.8723, 7.3126, 15.0119
YIQ	63.9090, -51.2120, -8.0120

# Conversions

## Conversions Part 2

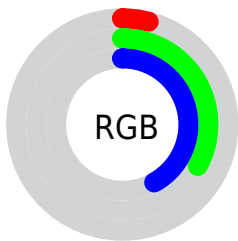
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 52, 107
Decimal	676715
CIELab	32.51, -11.42, -19.69
CIELCh	33, 22.761, 239.874
Yxy	7.3126, 0.2083, 0.2593
Android (android.graphics.Color)	4278866795 (0xFF0A536B)
YUV	63.9090, 21.2439, -47.2782
Hunter-Lab	27.0418, -8.5609, -13.9848

# Details

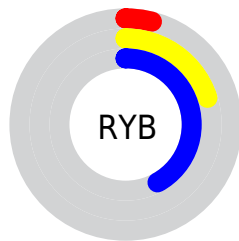
The Hex color **0A536B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B220A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4B859E**, 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 **15566B**.

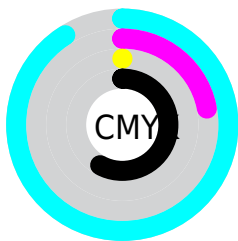
# Distribution



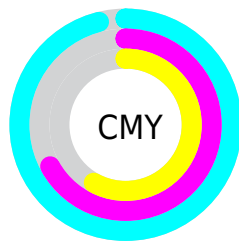
- Red (4%)
- Green (33%)
- Blue (42%)



- Red (4%)
- Yellow (20%)
- Blue (42%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A536B 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 0A536B by changing the saturation by 10% instead.



 0A536B

 0A536B

FFFFFF

 003C53

 4B859E

 00263C

 669FB9

 001226

 81BAD5

 000110

 9CD5F2

 000000

 B9F2FF

 D5FFFF

 F2FFFF

 0A536B

 0A536B

■ 00516B

■ 15566B

■ 1F586B

■ 2A5B6B

■ 355E6B

■ 40606B

■ 4A636B

■ 55666B

■ 60686B

■ 6A6B6B

# Harmonies

## Analogous

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



00565E



0A536B



314E70

# Triad

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



0A536B



6E3E4D



46512D

# Complementary

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



0A536B



6B220A

# 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



0A536B



6E403C

# Square

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



0A536B



63425F



66452E



30543A

# Rectangle

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



0A536B



454A6E



66452E



4C4F2A



# Sweetspot

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



0A536B



66838C



0A6B21



314247



C7C7C7



474747



# Same Dimension

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



0A536B



006A8C



0A246B



303436



005875



00B8F5



# Inverse Universe

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



6B0A53



8C006A



6B510A



363034



750058



F500B8



# Previews

## White Background



This preview shows how the Hex color 0A536B looks on a white background.

### Color Contrast Check

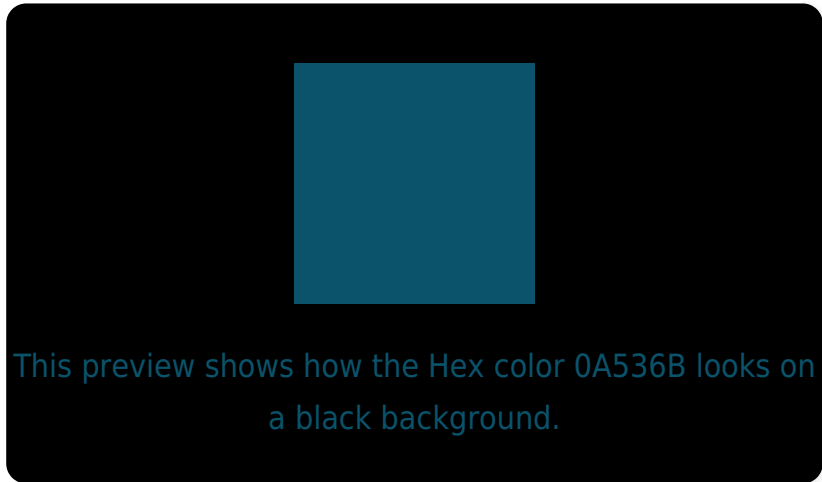
Large Text (above 18pt) WCAG AA ✓ Pass

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

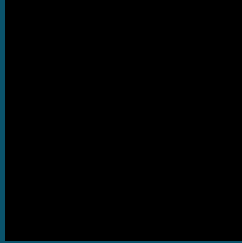
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A536B Background



This preview shows how black text looks on a background with the Hex color 0A536B.

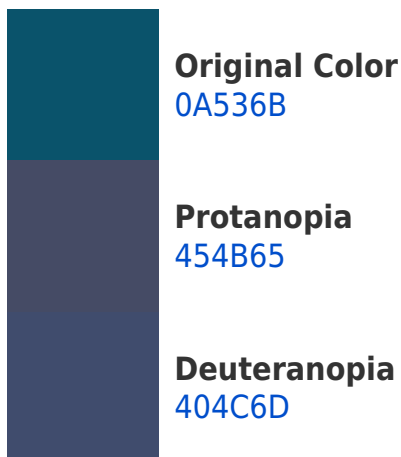



This preview shows how white text looks on a background with the Hex color 0A536B.

# 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





**Tritanopia**  
00555C

# Trichromacy



**Original Color**  
0A536B

**Protanomaly**  
304E67

**Deuteranomaly**  
2C4F6C

**Tritanomaly**  
045461

# Monochromacy



**Original Color**  
0A536B

**Achromatopsia**  
404040

**Achromatomaly**  
2C4750

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A536B 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 #0A536B looks like.

```
.text, #text, p{  
    color:#0A536B  
}
```

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 #0A536B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A536B
}
```

## Border

The CSS property to change the border of an element to Hex 0A536B 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
#0A536B }
```

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

```
.border{ border-color:#0A536B }
```

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

Here you see how a box with a 4 pixel #0A536B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A536B; -webkit-box-shadow:4px 4px  
4px 4px #0A536B; box-shadow:4px 4px 4px  
4px #0A536B }
```

# Background

The CSS property to change the background color of an element to Hex 0A536B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A536B }
```

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

```
.background{ background-color:#0A536B }
```

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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