

# Converting Colors

Hex(0A5167)

Have a look what the booklet for  
Hex(0A5167) contains.

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# Color

**Hex(0A5167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A5167
RGB	10, 81, 103
RGB Percent	4%, 32%, 40%
CMY	0.9608, 0.6824, 0.5961
CMYK	0.90, 0.21, 0.00, 0.60
HSL	194°, 82%, 22%
HSV	194°, 90%, 40%
XYZ	5.5158, 6.9287, 13.8786
YIQ	62.2790, -49.3780, -8.2100

# Conversions

## Conversions Part 2

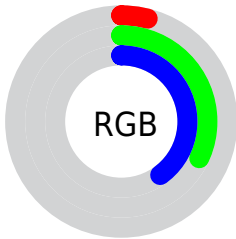
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 50, 103
Decimal	676199
CIELab	31.64, -11.78, -18.51
CIELCh	32, 21.940, 237.519
Yxy	6.9287, 0.2095, 0.2632
Android (android.graphics.Color)	4278866279 (0xFF0A5167)
YUV	62.2790, 20.0755, -45.8487
Hunter-Lab	26.3224, -8.6599, -12.8354

# Details

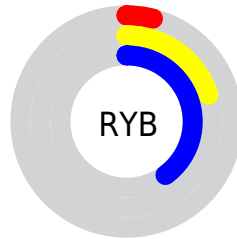
The Hex color **0A5167** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67200A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **49829A**, and **002438** is the 20% darker color. If you saturate the color by 10%, you get **004F67**, and if you desaturate by 10%, it is **145367**.

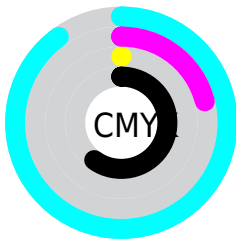
# Distribution



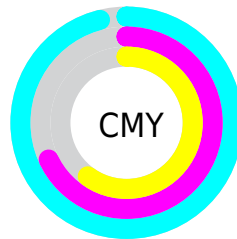
- Red (4%)
- Green (32%)
- Blue (40%)



- Red (4%)
- Yellow (20%)
- Blue (40%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (68%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5167 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 0A5167 by changing the saturation by 10% instead.



0A5167

0A5167

FFFFFF

003A4F

49829A

002438

649CB5

000D23

7FB7D1

00000A

9BD3ED

000000

B7EFFF

D3FFFF

F1FFFF

0A5167

0A5167

■ 004F67

■ 145367

■ 1F5667

■ 295867

■ 335B67

■ 3D5D67

■ 486067

■ 526267

■ 5C6467

■ 676767

# Harmonies

## Analogous

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



00535A



0A5167



2E4D6D

# Triad

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



0A5167



6A3D4D



454E2B

# Complementary

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



0A5167



67200A

# 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.



574928



0A5167



6B3E3B

# Square

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



0A5167



5F405D



64432E



315237

# Rectangle

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



0A5167



42496B



64432E



4C4D29



# Sweetspot

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



0A5167



637F87



0A6720



2F4045



C4C4C4



454545



# Same Dimension

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



0A5167



006787



0A2367



2E3233



005873



00B9F2



# Inverse Universe

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



670A51



870067



674E0A



332E32



730058



F200B9



# Previews

## White Background



This preview shows how the Hex color 0A5167 looks on a white background.

## Color Contrast Check

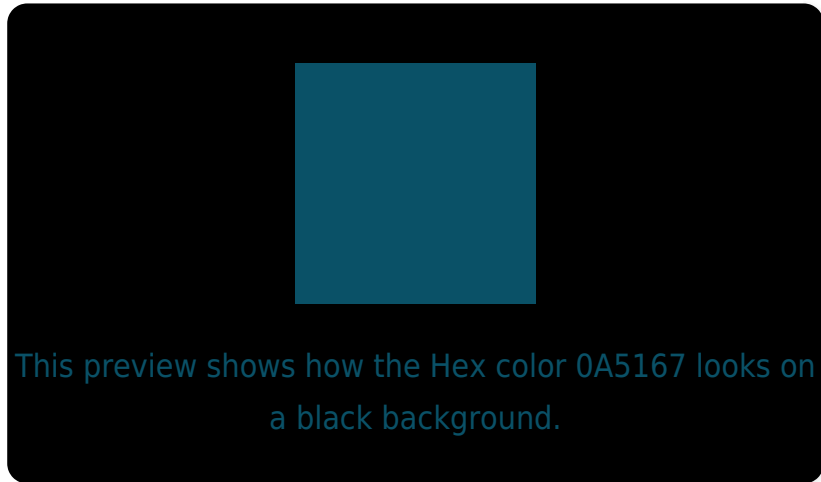
Large Text (above 18pt) WCAG AA ✓ Pass

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

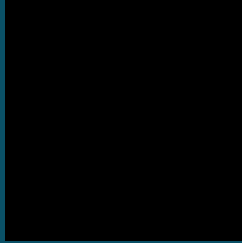
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

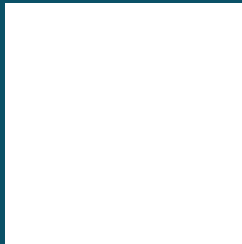
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0A5167 Background



This preview shows how black text looks on a background with the Hex color 0A5167.

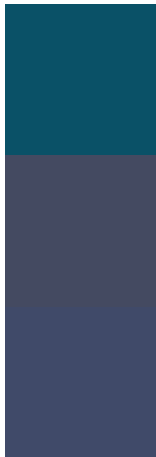


This preview shows how white text looks on a background with the Hex color 0A5167.

# 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



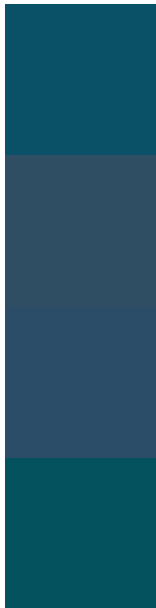
**Original Color**  
0A5167

**Protanopia**  
444A61

**Deuteranopia**  
404A69



# Trichromacy



**Original Color**  
0A5167

**Protanomaly**  
2F4D63

**Deuteranomaly**  
2C4D68

**Tritanomaly**  
04525E

# Monochromacy



**Original Color**  
0A5167

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2B454D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5167 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 #0A5167 looks like.

```
.text, #text, p{  
    color:#0A5167  
}
```

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 #0A5167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5167
}
```

## Border

The CSS property to change the border of an element to Hex 0A5167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

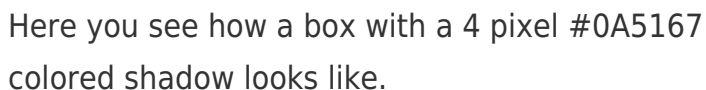
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A5167 }
```

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

```
.border{ border-color:#0A5167 }
```

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



Here you see how a box with a 4 pixel #0A5167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5167; -webkit-box-shadow:4px 4px  
4px 4px #0A5167; box-shadow:4px 4px 4px  
4px #0A5167 }
```

# Background

The CSS property to change the background color of an element to Hex 0A5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5167 }
```

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

```
.background{ background-color:#0A5167 }
```

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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