

# Converting Colors

Hex(0A5557)

Have a look what the booklet for  
Hex(0A5557) contains.

<b>Hex(0A5557)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0A5557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A5557
RGB	10, 85, 87
RGB Percent	4%, 33%, 34%
CMY	0.9608, 0.6667, 0.6588
CMYK	0.89, 0.02, 0.00, 0.66
HSL	182°, 79%, 19%
HSV	182°, 89%, 34%
XYZ	5.0940, 7.2496, 10.1477
YIQ	62.8030, -45.3420, -15.2780

# Conversions

## Conversions Part 2

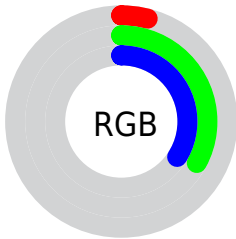
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 48, 87
Decimal	677207
CIELab	32.37, -19.97, -7.28
CIELCh	32, 21.258, 200.036
Yxy	7.2496, 0.2265, 0.3223
Android (android.graphics.Color)	4278867287 (0xFF0A5557)
YUV	62.8030, 11.9291, -46.3082
Hunter-Lab	26.9252, -13.3486, -3.4978

# Details

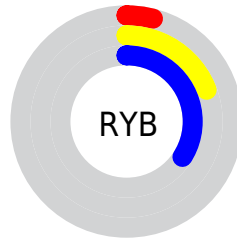
The Hex color **0A5557** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **570C0A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **478789**, and **00272A** is the 20% darker color. If you saturate the color by 10%, you get **015557**, and if you desaturate by 10%, it is **135557**.

# Distribution



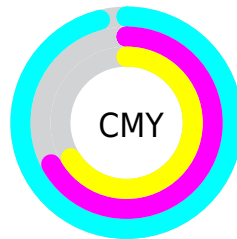
- Red (4%)
- Green (33%)
- Blue (34%)



- Red (4%)
- Yellow (19%)
- Blue (34%)



- Cyan (89%)
- Magenta (2%)
- Yellow (0%)
- Black (66%)



- Cyan (96%)
- Magenta (67%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5557 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 0A5557 by changing the saturation by 10% instead.



0A5557

0A5557

FFFFFF

003E40

478789

00272A

62A1A3

001016

7CBDBE

000000

98D8DA

B3F5F6

D0FFFF

EDFFFF

0A5557

0A5557

■ 015557

■ 135557

■ 005557

■ 1B5557

■ 245657

■ 2D5657

■ 355657

■ 3E5657

■ 475757

■ 505757

■ 585757

# Harmonies

## Analogous

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



235546



0A5557



0C5365

# Triad

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



0A5557



5C4462



5C492B

# Complementary

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



0A5557



570C0A

# 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.



684333



0A5557



694052

# Square

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



0A5557



464A6B



6D4042



4C4F2C

# Rectangle

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



0A5557



20516B



6D4042



61472D



# Sweetspot

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



0A5557



526F70



0A570B



263838



B8B8B8



383838



# Same Dimension

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



0A5557



006D70



0A2F57



272B2B



00686B



00E5EB



# Inverse Universe

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



570A55



70006D



57320A



2B272B



6B0068

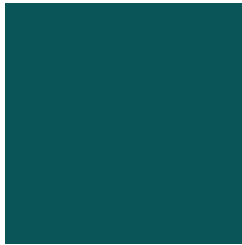


EB00E5



# Previews

## White Background



This preview shows how the Hex color 0A5557 looks on a white background.

## Color Contrast Check

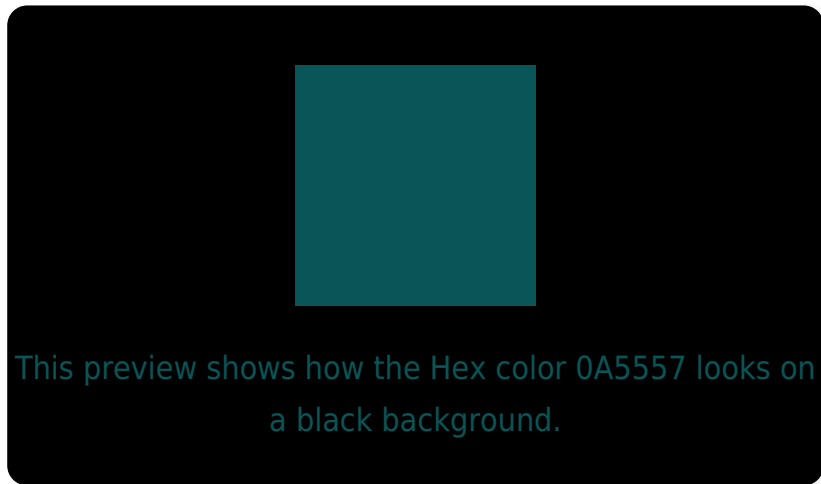
Large Text (above 18pt) WCAG AA ✓ Pass

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

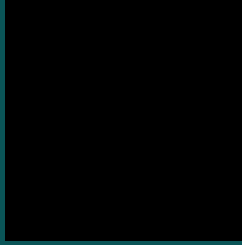
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A5557 Background



This preview shows how black text looks on a background with the Hex color 0A5557.



This preview shows how white text looks on a background with the Hex color 0A5557.

# 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**  
0A5557

**Protanopia**  
4C4C51

**Deuteranopia**  
4D4A59



**Tritanopia**  
10545B

# Trichromacy



**Original Color**  
0A5557

**Protanomaly**  
344F53

**Deuteranomaly**  
354E58

**Tritanomaly**  
0E545A

# Monochromacy



**Original Color**  
0A5557

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2C4748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5557 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 #0A5557 looks like.

```
.text, #text, p{  
    color:#0A5557  
}
```

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 #0A5557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5557
}
```

## Border

The CSS property to change the border of an element to Hex 0A5557 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
#0A5557 }
```

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

```
.border{ border-color:#0A5557 }
```

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

Here you see how a box with a 4 pixel #0A5557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5557; -webkit-box-shadow:4px 4px  
4px 4px #0A5557; box-shadow:4px 4px 4px  
4px #0A5557 }
```

# Background

The CSS property to change the background color of an element to Hex 0A5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5557 }
```

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

```
.background{ background-color:#0A5557 }
```

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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