

# Converting Colors

Hex(0A7163)

Have a look what the booklet for  
Hex(0A7163) contains.

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# Color

**Hex(0A7163)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A7163
RGB	10, 113, 99
RGB Percent	4%, 44%, 39%
CMY	0.9608, 0.5569, 0.6118
CMYK	0.91, 0.00, 0.12, 0.56
HSL	172°, 84%, 24%
HSV	172°, 91%, 44%
XYZ	8.2824, 12.7756, 13.8338
YIQ	80.6070, -56.8940, -26.1900

# Conversions

## Conversions Part 2

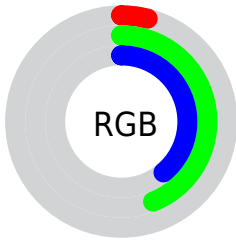
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 65, 113
Decimal	684387
CIELab	42.42, -30.15, 0.19
CIELCh	42, 30.153, 179.648
Yxy	12.7756, 0.2374, 0.3661
Android (android.graphics.Color)	4278874467 (0xFF0A7163)
YUV	80.6070, 9.0677, -61.9223
Hunter-Lab	35.7430, -21.1880, 2.0728

# Details

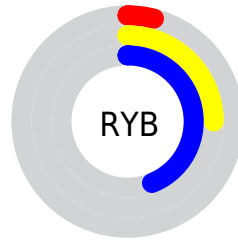
The Hex color **0A7163** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710A18**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4EA596**, and **004035** is the 20% darker color. If you saturate the color by 10%, you get **007162**, and if you desaturate by 10%, it is **157165**.

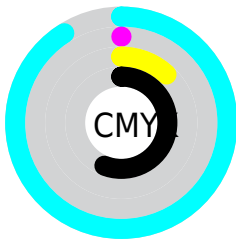
# Distribution



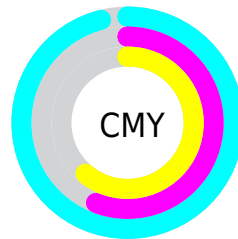
- Red (4%)
- Green (44%)
- Blue (39%)



- Red (4%)
- Yellow (25%)
- Blue (44%)



- Cyan (91%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (96%)
- Magenta (56%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A7163 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 0A7163 by changing the saturation by 10% instead.



 0A7163

 0A7163

FFFFFF

 00584B

 4EA596

 004035

 6AC1B0

 002A1F

 86DDCC

 001008

 A2FAE8

 000000

 BFFFFFF

 DCFFFF

 F9FFFF

 0A7163

 0A7163

■ 007162

■ 157165

■ 217166

■ 2C7168

■ 377169

■ 42716B

■ 4E716C

■ 59716E

■ 64716F

■ 707171

# Harmonies

## Analogous

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



3C6F4A



0A7163



00717C

# Triad

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



0A7163



665E8F



885A3A

# Complementary

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



0A7163



710A18

# 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.



93524D



0A7163



83557E

# Square

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



0A7163



3B6796



925065



746331

# Rectangle

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



0A7163



006F89



925065



8C573F



# Sweetspot

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



0A7163



6C948E



19710A



324A47



C9C9C9



4A4A4A



# Same Dimension

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



0A7163



009480



0A4D71



323837



007868



00F7D6



# Inverse Universe

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



710A18



940014



712E0A



383233



780010



F70022



# Previews

## White Background



This preview shows how the Hex color 0A7163 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

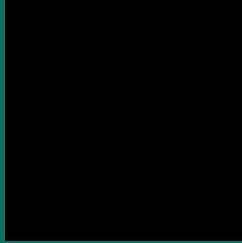
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A7163 Background



This preview shows how black text looks on a background with the Hex color 0A7163.



This preview shows how white text looks on a background with the Hex color 0A7163.

# 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**  
0A7163

**Protanopia**  
67635C

**Deuteranopia**  
6C6167



**Tritanopia**  
1F6E77

# Trichromacy



**Original Color**  
0A7163

**Protanomaly**  
45685F

**Deuteranomaly**  
486766

**Tritanomaly**  
176F70

# Monochromacy



**Original Color**  
0A7163

**Achromatopsia**  
515151

**Achromatomaly**  
375D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A7163 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 #0A7163 looks like.

```
.text, #text, p{  
    color:#0A7163  
}
```

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 #0A7163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7163
}
```

## Border

The CSS property to change the border of an element to Hex 0A7163 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
#0A7163 }
```

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

```
.border{ border-color:#0A7163 }
```

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

Here you see how a box with a 4 pixel #0A7163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7163; -webkit-box-shadow:4px 4px  
4px 4px #0A7163; box-shadow:4px 4px 4px  
4px #0A7163 }
```

# Background

The CSS property to change the background color of an element to Hex 0A7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7163 }
```

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

```
.background{ background-color:#0A7163 }
```

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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