

Converting Colors

Hex(0A7168)

Have a look what the booklet for
Hex(0A7168) contains.

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Color

Hex(0A7168)

Conversions

Conversions Part 1

Format	Color
Hex	0A7168
RGB	10, 113, 104
RGB Percent	4%, 44%, 41%
CMY	0.9608, 0.5569, 0.5922
CMYK	0.91, 0.00, 0.08, 0.56
HSL	175°, 84%, 24%
HSV	175°, 91%, 44%
XYZ	8.5290, 12.8743, 15.1322
YIQ	81.1770, -58.4990, -24.6350

Conversions

Conversions Part 2

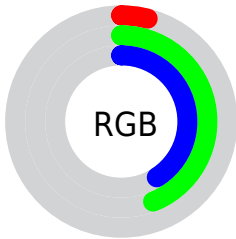
Format	Color
RYB	10, 64, 113
Decimal	684392
CIELab	42.57, -28.62, -2.61
CIELCh	43, 28.739, 185.206
Yxy	12.8743, 0.2334, 0.3524
Android (android.graphics.Color)	4278874472 (0xFF0A7168)
YUV	81.1770, 11.2517, -62.4222
Hunter-Lab	35.8807, -20.3611, 0.1118

Details

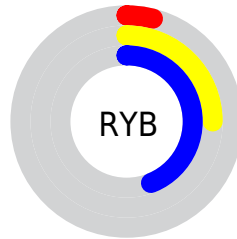
The Hex color **0A7168** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710A13**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FA59B**, and **004039** is the 20% darker color. If you saturate the color by 10%, you get **007167**, and if you desaturate by 10%, it is **157169**.

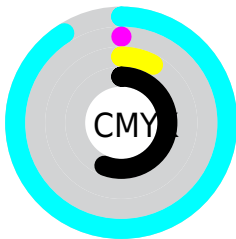
Distribution



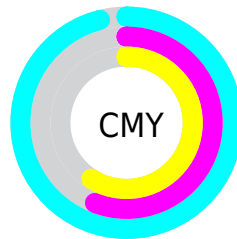
- Red (4%)
- Green (44%)
- Blue (41%)



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



- Cyan (91%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (96%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A7168 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 0A7168 by changing the saturation by 10% instead.

 0A7168

 0A7168

FFFFFF

 005850

 4FA59B

 004039

 6BC1B6

 002A24

 87DDD1

 00110F

 A3FAEE

 000000

 BFFFFFF

 DCFFFF

 FAFFFF

 0A7168

 0A7168

■ 007167

■ 157169

■ 21716A

■ 2C716B

■ 37716C

■ 42716D

■ 4E716E

■ 59716F

■ 647170

■ 707171

Harmonies

Analogous

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



396F50



0A7168



00707F

Triad

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



0A7168



6C5D8B



845C3A

Complementary

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



0A7168



710A13

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.



90554A



0A7168



865579

Square

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



0A7168



476694



915161



706434

Rectangle

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



0A7168



006E8B



915161



89593E

Sweetspot

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



0A7168



6C9490



14710A



324A48



C9C9C9



4A4A4A

Same Dimension

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



0A7168



009487



0A4871



323838



00786D



00F7E2

Inverse Universe

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



710A13



94000D



71330A



383233



78000A



F70016

Previews

White Background



This preview shows how the Hex color 0A7168 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

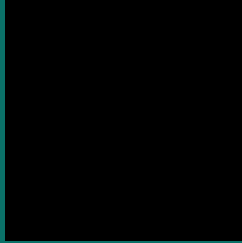
Any Text WCAG AA × Fail

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 0A7168 Background



This preview shows how black text looks on a background with the Hex color 0A7168.



This preview shows how white text looks on a background with the Hex color 0A7168.

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
0A7168

Protanopia
676460

Deuteranopia
6B616B



Tritanopia
1D6F78

Trichromacy



Original Color
0A7168

Protanomaly
456963

Deuteranomaly
48676A

Tritanomaly
167072

Monochromacy



Original Color
0A7168

Achromatopsia
515151

Achromatomaly
375D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A7168 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 #0A7168 looks like.

```
.text, #text, p{  
    color:#0A7168  
}
```

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 #0A7168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7168
}
```

Border

The CSS property to change the border of an element to Hex 0A7168 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
#0A7168 }
```

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

```
.border{ border-color:#0A7168 }
```

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

Here you see how a box with a 4 pixel #0A7168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7168; -webkit-box-shadow:4px 4px  
4px 4px #0A7168; box-shadow:4px 4px 4px  
4px #0A7168 }
```

Background

The CSS property to change the background color of an element to Hex 0A7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7168 }
```

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

```
.background{ background-color:#0A7168 }
```

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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