

Converting Colors

Hex(0A7263)

Have a look what the booklet for
Hex(0A7263) contains.

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Color

Hex(0A7263)

Conversions

Conversions Part 1

Format	Color
Hex	0A7263
RGB	10, 114, 99
RGB Percent	4%, 45%, 39%
CMY	0.9608, 0.5529, 0.6118
CMYK	0.91, 0.00, 0.13, 0.55
HSL	171°, 84%, 24%
HSV	171°, 91%, 45%
XYZ	8.3946, 13.0000, 13.8712
YIQ	81.1940, -57.1690, -26.7130

Conversions

Conversions Part 2

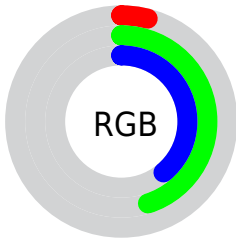
Format	Color
RYB	10, 66, 114
Decimal	684643
CIELab	42.76, -30.62, 0.68
CIELCh	43, 30.630, 178.726
Yxy	13.0000, 0.2380, 0.3686
Android (android.graphics.Color)	4278874723 (0xFF0A7263)
YUV	81.1940, 8.7784, -62.4371
Hunter-Lab	36.0555, -21.5380, 2.4290

Details

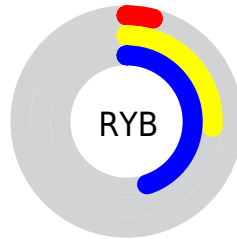
The Hex color **0A7263** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **720A19**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FA796**, and **004135** is the 20% darker color. If you saturate the color by 10%, you get **007262**, and if you desaturate by 10%, it is **157265**.

Distribution



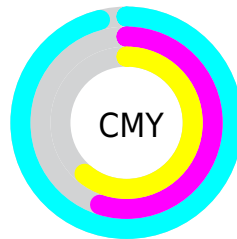
- Red (4%)
- Green (45%)
- Blue (39%)



- Red (4%)
- Yellow (26%)
- Blue (45%)



- Cyan (91%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A7263 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 0A7263 by changing the saturation by 10% instead.

 0A7263

 0A7263

FFFFFF

 00594B

 4FA796

 004135

 6BC2B0

 002A1F

 86DECC

 001208

 A2FBE8

 000000

 BFFFFFF

 DCFFFF

 F9FFFF

 0A7263

 0A7263

■ 007262

■ 157265

■ 217266

■ 2C7268

■ 38726A

■ 43726B

■ 4E726D

■ 5A726F

■ 657270

■ 717272

Harmonies

Analogous

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



3D704A



0A7263



00727C

Triad

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



0A7263



665F91



895A3A

Complementary

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



0A7263



720A19

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.



94534E



0A7263



835680

Square

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



0A7263



396897



935067



766331

Rectangle

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



0A7263



00708A



935067



8E5740

Sweetspot

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



0A7263



6C948E



1A720A



324A47



C9C9C9



4A4A4A

Same Dimension

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



0A7263



00947F



0A4E72



323837



007867



00F7D4

Inverse Universe

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



720A19



940015



722E0A



383233



780011



F70024

Previews

White Background



This preview shows how the Hex color 0A7263 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

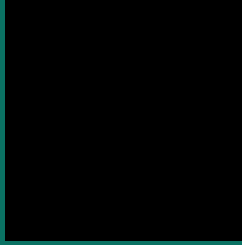
Any Text WCAG AA × Fail

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 0A7263 Background



This preview shows how black text looks on a background with the Hex color 0A7263.

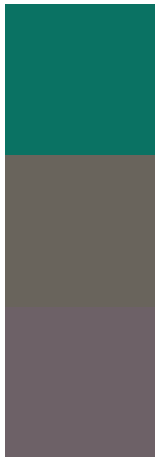


This preview shows how white text looks on a background with the Hex color 0A7263.

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
0A7263

Protanopia
69645C

Deuteranopia
6D6167



Tritanopia
206F78

Trichromacy



Original Color
0A7263

Protanomaly
46695F

Deuteranomaly
496766

Tritanomaly
187070

Monochromacy



Original Color
0A7263

Achromatopsia
515151

Achromatomaly
375D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A7263 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 #0A7263 looks like.

```
.text, #text, p{  
    color:#0A7263  
}
```

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 #0A7263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7263
}
```

Border

The CSS property to change the border of an element to Hex 0A7263 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
#0A7263 }
```

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

```
.border{ border-color:#0A7263 }
```

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

Here you see how a box with a 4 pixel #0A7263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7263; -webkit-box-shadow:4px 4px  
4px 4px #0A7263; box-shadow:4px 4px 4px  
4px #0A7263 }
```

Background

The CSS property to change the background color of an element to Hex 0A7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7263 }
```

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

```
.background{ background-color:#0A7263 }
```

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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