

Converting Colors

Hex(0A5D64)

Have a look what the booklet for
Hex(0A5D64) contains.

Hex(0A5D64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A5D64)

Conversions

Conversions Part 1

Format	Color
Hex	0A5D64
RGB	10, 93, 100
RGB Percent	4%, 36%, 39%
CMY	0.9608, 0.6353, 0.6078
CMYK	0.90, 0.07, 0.00, 0.61
HSL	185°, 82%, 22%
HSV	185°, 90%, 39%
XYZ	6.3398, 8.8133, 13.4236
YIQ	68.9810, -51.7150, -15.4190

Conversions

Conversions Part 2

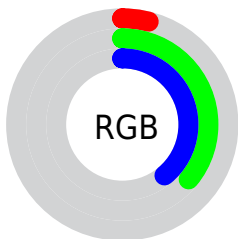
Format	Color
RYB	10, 53, 100
Decimal	679268
CIELab	35.62, -19.73, -10.54
CIELCh	36, 22.371, 208.097
Yxy	8.8133, 0.2219, 0.3084
Android (android.graphics.Color)	4278869348 (0xFF0A5D64)
YUV	68.9810, 15.2924, -51.7263
Hunter-Lab	29.6873, -13.8336, -6.0279

Details

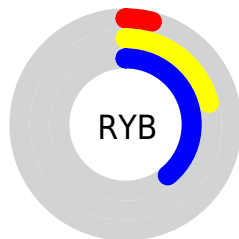
The Hex color **0A5D64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64110A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4B9097**, and **002F35** is the 20% darker color. If you saturate the color by 10%, you get **005C64**, and if you desaturate by 10%, it is **145E64**.

Distribution



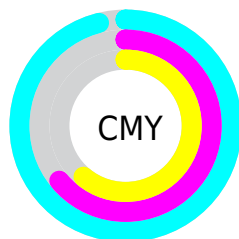
- Red (4%)
- Green (36%)
- Blue (39%)



- Red (4%)
- Yellow (21%)
- Blue (39%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (61%)



- Cyan (96%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5D64 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 0A5D64 by changing the saturation by 10% instead.

 0A5D64

 0A5D64

FFFFFF

 00454C

 4B9097

 002F35

 66AAB1

 001B20

 81C6CD

 000007

 9DE2E9

 000000

 B9FEFF

 D5FFFF

 F2FFFF

 0A5D64

 0A5D64

■ 005C64

■ 145E64

■ 1E5F64

■ 285F64

■ 326064

■ 3C6164

■ 466264

■ 506264

■ 5A6364

■ 646464

Harmonies

Analogous

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



215D52



0A5D64



195B72

Triad

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



0A5D64



694967



615230

Complementary

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



0A5D64



64110A

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.



6F4C36



0A5D64



754656

Square

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



0A5D64



545073



764744



4E5834

Rectangle

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



0A5D64



2E5876



764744



665031

Sweetspot

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



0A5D64



5F7F82



0A6410



2D4142



C2C2C2



424242

Same Dimension

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



0A5D64



007882



0A3164



2E3333



006A73



00DFF2

Inverse Universe

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



640A5D



820078



643D0A



332E33



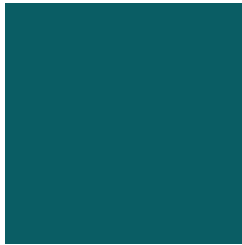
73006A



F200DF

Previews

White Background



This preview shows how the Hex color 0A5D64 looks on a white background.

Color Contrast Check

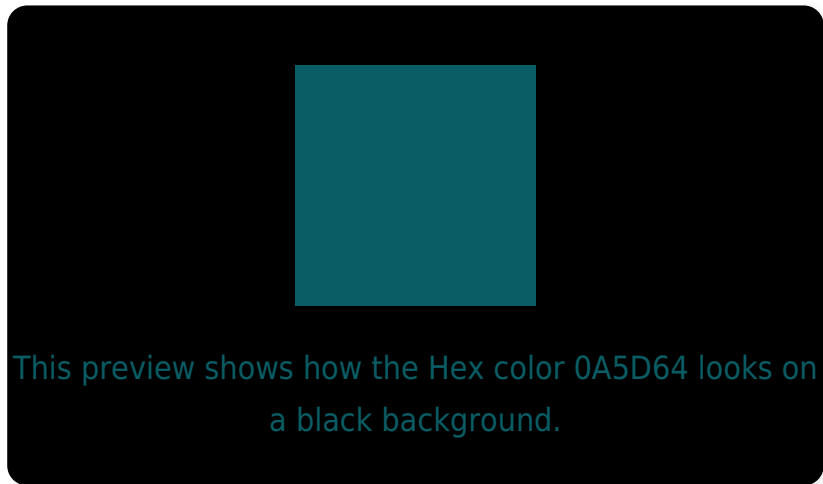
Large Text (above 18pt) WCAG AA ✓ Pass

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

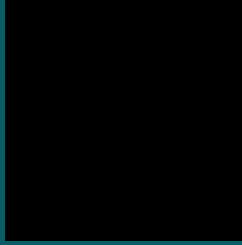
Any Text WCAG AA × Fail

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 0A5D64 Background



This preview shows how black text looks on a background with the Hex color 0A5D64.

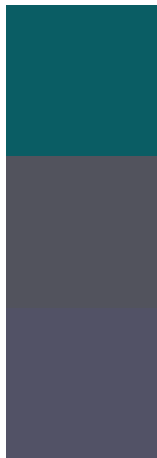


This preview shows how white text looks on a background with the Hex color 0A5D64.

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
0A5D64

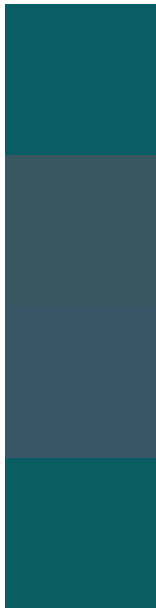
Protanopia
52535D

Deuteranopia
525266



Tritanopia
0B5D64

Trichromacy



Original Color
0A5D64

Protanomaly
385760

Deuteranomaly
385665

Tritanomaly
0B5D64

Monochromacy



Original Color
0A5D64

Achromatopsia
454545

Achromatomaly
304E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5D64 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 #0A5D64 looks like.

```
.text, #text, p{  
    color:#0A5D64  
}
```

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 #0A5D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5D64
}
```

Border

The CSS property to change the border of an element to Hex 0A5D64 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
#0A5D64 }
```

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

```
.border{ border-color:#0A5D64 }
```

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

Here you see how a box with a 4 pixel #0A5D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5D64; -webkit-box-shadow:4px 4px  
4px 4px #0A5D64; box-shadow:4px 4px 4px  
4px #0A5D64 }
```

Background

The CSS property to change the background color of an element to Hex 0A5D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5D64 }
```

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

```
.background{ background-color:#0A5D64 }
```

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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