

Converting Colors

Hex(0A645B)

Have a look what the booklet for
Hex(0A645B) contains.

Hex(0A645B)	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(0A645B)

Conversions

Conversions Part 1

Format	Color
Hex	0A645B
RGB	10, 100, 91
RGB Percent	4%, 39%, 36%
CMY	0.9608, 0.6078, 0.6431
CMYK	0.90, 0.00, 0.09, 0.61
HSL	174°, 82%, 22%
HSV	174°, 90%, 39%
XYZ	6.5707, 9.9342, 11.4687
YIQ	72.0640, -50.7510, -21.8790

Conversions

Conversions Part 2

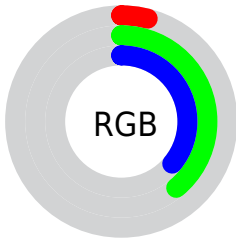
Format	Color
RYB	10, 57, 100
Decimal	681051
CIELab	37.72, -26.36, -1.83
CIELCh	38, 26.425, 183.960
Yxy	9.9342, 0.2349, 0.3551
Android (android.graphics.Color)	4278871131 (0xFF0A645B)
YUV	72.0640, 9.3354, -54.4301
Hunter-Lab	31.5186, -17.9456, 0.4891

Details

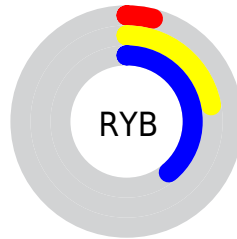
The Hex color **0A645B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **640A13**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4B978D**, and **00342D** is the 20% darker color. If you saturate the color by 10%, you get **00645A**, and if you desaturate by 10%, it is **14645C**.

Distribution



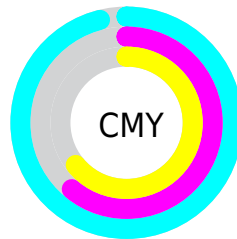
- Red (4%)
- Green (39%)
- Blue (36%)



- Red (4%)
- Yellow (22%)
- Blue (39%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0A645B 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 0A645B by changing the saturation by 10% instead.



0A645B



0A645B

FFFFFF



004C44



4B978D



00342D



66B2A7



002119



81CEC3



000000



9DEADE



B9FFFB



D6FFFF



F3FFFF



0A645B



0A645B

■ 00645A

■ 14645C

■ 1E645D

■ 28645E

■ 32645F

■ 3C6460

■ 466461

■ 506462

■ 5A6463

■ 646464

Harmonies

Analogous

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



326245



0A645B



006370

Triad

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



0A645B



5F527C



755133

Complementary

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



0A645B



640A13

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.



804A42



0A645B



764B6C

Square

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



0A645B



3D5A83



814857



64582D

Rectangle

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



0A645B



00617B



814857



7A4F37

Sweetspot

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



0A645B



5F827F



13640A



2D4240



C2C2C2



424242

Same Dimension

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



0A645B



008275



0A4064



2E3332



007367



00F2DA

Inverse Universe

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



640A13



82000D



642E0A



332E2E



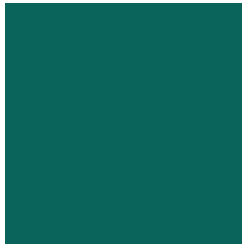
73000B



F20018

Previews

White Background



This preview shows how the Hex color 0A645B looks on a white background.

Color Contrast Check

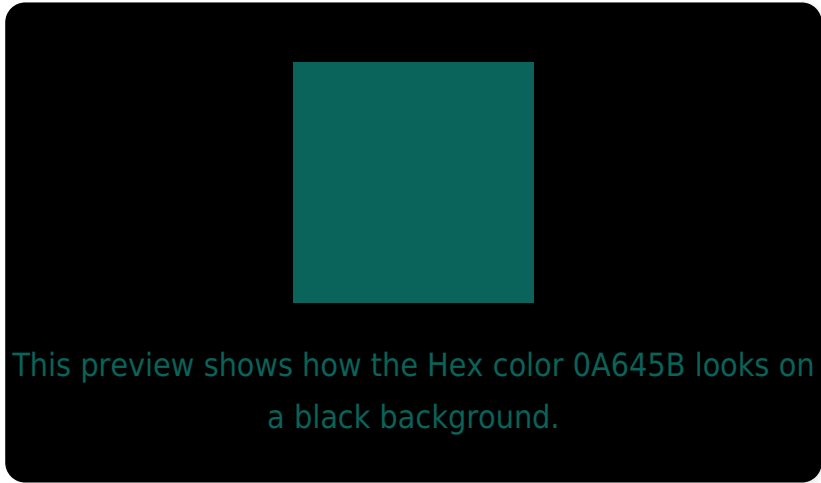
Large Text (above 18pt) WCAG AA ✓ Pass

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

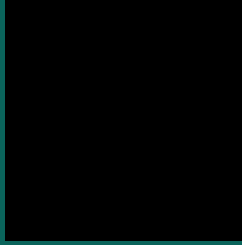
Any Text WCAG AA × Fail

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 0A645B Background



This preview shows how black text looks on a background with the Hex color 0A645B.

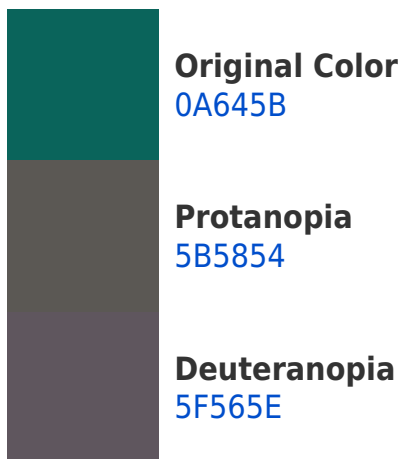



This preview shows how white text looks on a background with the Hex color 0A645B.

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





Tritanopia
1A626A

Trichromacy



Original Color
0A645B

Protanomaly
3E5C57

Deuteranomaly
405B5D

Tritanomaly
146365

Monochromacy



Original Color
0A645B

Achromatopsia
484848

Achromatomaly
31524F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A645B 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 #0A645B looks like.

```
.text, #text, p{  
    color:#0A645B  
}
```

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 #0A645B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A645B
}
```

Border

The CSS property to change the border of an element to Hex 0A645B 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
#0A645B }
```

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

```
.border{ border-color:#0A645B }
```

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

Here you see how a box with a 4 pixel #0A645B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A645B; -webkit-box-shadow:4px 4px  
4px 4px #0A645B; box-shadow:4px 4px 4px  
4px #0A645B }
```

Background

The CSS property to change the background color of an element to Hex 0A645B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A645B }
```

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

```
.background{ background-color:#0A645B }
```

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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