

# Converting Colors

Hex(0A654B)

Have a look what the booklet for  
Hex(0A654B) contains.

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# Color

**Hex(0A654B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A654B
RGB	10, 101, 75
RGB Percent	4%, 40%, 29%
CMY	0.9608, 0.6039, 0.7059
CMYK	0.90, 0.00, 0.26, 0.60
HSL	163°, 82%, 22%
HSV	163°, 90%, 40%
XYZ	6.0489, 9.8799, 8.2448
YIQ	70.8270, -45.8900, -27.3780

# Conversions

## Conversions Part 2

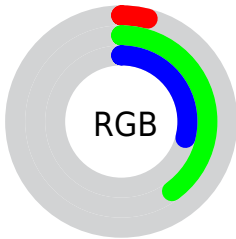
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 63, 101
Decimal	681291
CIELab	37.63, -31.52, 7.85
CIELCh	38, 32.483, 166.023
Yxy	9.8799, 0.2502, 0.4087
Android (android.graphics.Color)	4278871371 (0xFF0A654B)
YUV	70.8270, 2.0573, -53.3453
Hunter-Lab	31.4323, -20.6558, 6.4506

# Details

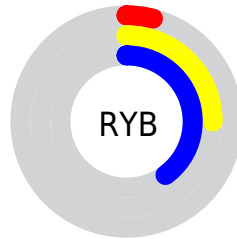
The Hex color **0A654B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **650A24**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4A997C**, and **00351F** is the 20% darker color. If you saturate the color by 10%, you get **006548**, and if you desaturate by 10%, it is **14654E**.

# Distribution



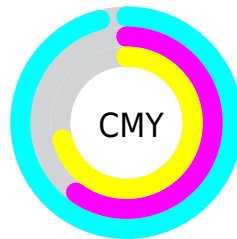
- Red (4%)
- Green (40%)
- Blue (29%)



- Red (4%)
- Yellow (25%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A654B 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 0A654B by changing the saturation by 10% instead.





0A654B



0A654B

FFFFFF



004D34



4A997C



00351F



65B496



002207



80D0B0



000000



9BECCC



B7FFE8



D4FFFF



F1FFFF



0A654B



0A654B

■ 006548

■ 14654E

■ 1E6551

■ 286554

■ 326557

■ 3D6559

■ 47655C

■ 51655F

■ 5B6562

■ 656565

# Harmonies

## Analogous

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



3D6233



0A654B



006666

# Triad

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



0A654B



46568B



834934

# Complementary

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



0A654B



650A24

# 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.



8A434B



0A654B



6C4C7D

# Square

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



0A654B



005F8B



834466



725325

# Rectangle

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



0A654B



006577



834466



87463B



# Sweetspot

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



0A654B



5F8278



25650A



2D423C



C2C2C2



424242



# Same Dimension

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



0A654B



00825D



0A5365



2E3332



007352



00F2AD



# Inverse Universe

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



650A24



820025



651C0A



332E2F



730021

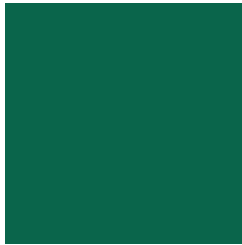


F20045



# Previews

## White Background



This preview shows how the Hex color 0A654B looks on a white background.

## Color Contrast Check

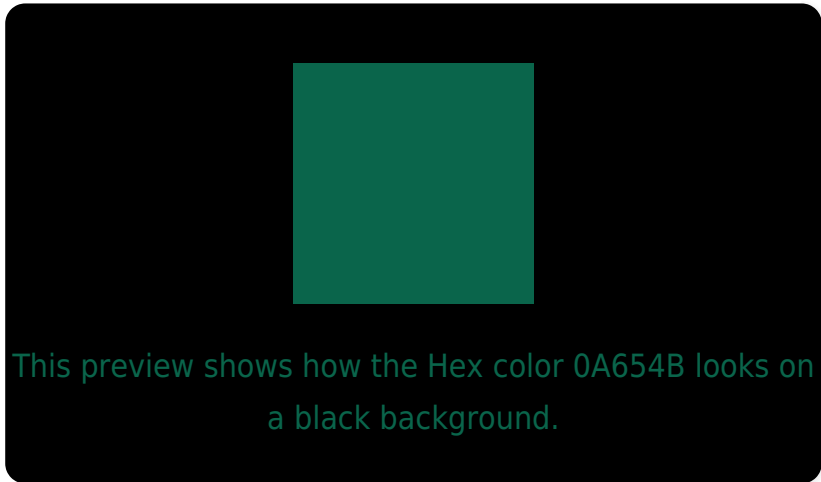
Large Text (above 18pt) WCAG AA ✓ Pass

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

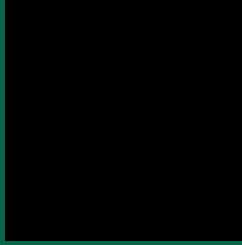
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A654B Background



This preview shows how black text looks on a background with the Hex color 0A654B.



This preview shows how white text looks on a background with the Hex color 0A654B.

# 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**  
0A654B

**Protanopia**  
5E5845

**Deuteranopia**  
64554F



**Tritanopia**  
226169

# Trichromacy



**Original Color**  
0A654B

**Protanomaly**  
3F5D47

**Deuteranomaly**  
435B4E

**Tritanomaly**  
19625E

# Monochromacy



**Original Color**  
0A654B

**Achromatopsia**  
474747

**Achromatomaly**  
315248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A654B 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 #0A654B looks like.

```
.text, #text, p{  
    color:#0A654B  
}
```

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 #0A654B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A654B
}
```

## Border

The CSS property to change the border of an element to Hex 0A654B 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
#0A654B }
```

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

```
.border{ border-color:#0A654B }
```

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

Here you see how a box with a 4 pixel #0A654B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A654B; -webkit-box-shadow:4px 4px  
4px 4px #0A654B; box-shadow:4px 4px 4px  
4px #0A654B }
```

# Background

The CSS property to change the background color of an element to Hex 0A654B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A654B }
```

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

```
.background{ background-color:#0A654B }
```

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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