

# Converting Colors

Hex(0D8C52)

Have a look what the booklet for  
Hex(0D8C52) contains.

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# Color

Hex(0D8C52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D8C52
RGB	13, 140, 82
RGB Percent	5%, 55%, 32%
CMY	0.9490, 0.4510, 0.6784
CMYK	0.91, 0.00, 0.41, 0.45
HSL	153°, 83%, 30%
HSV	153°, 91%, 55%
XYZ	11.0671, 19.4509, 11.1538
YIQ	95.4150, -57.0740, -44.9620

# Conversions

## Conversions Part 2

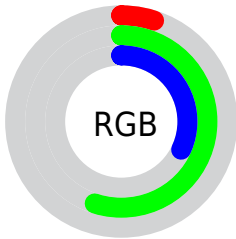
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 95, 140
Decimal	887890
CIELab	51.21, -45.54, 22.30
CIELCh	51, 50.711, 153.912
Yxy	19.4509, 0.2656, 0.4668
Android (android.graphics.Color)	4279077970 (0xFF0D8C52)
YUV	95.4150, -6.6136, -72.2780
Hunter-Lab	44.1032, -32.3887, 15.8777

# Details

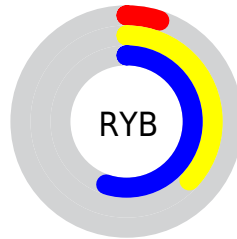
The Hex color **0D8C52** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8C0D47**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **56C384**, and **005824** is the 20% darker color. If you saturate the color by 10%, you get **008C4C**, and if you desaturate by 10%, it is **1B8C58**.

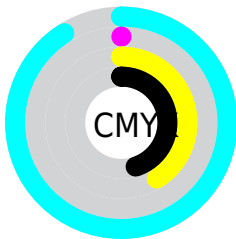
# Distribution



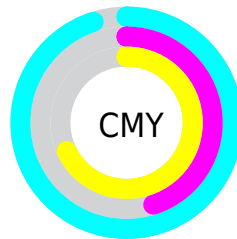
- Red (5%)
- Green (55%)
- Blue (32%)



- Red (5%)
- Yellow (37%)
- Blue (55%)



- Cyan (91%)
- Magenta (0%)
- Yellow (41%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D8C52 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 0D8C52 by changing the saturation by 10% instead.



 0D8C52

 0D8C52

FFFFFF

 00723A

 56C384

 005824

 73DF9E

 00400E

 8FFCB9

 002A00

 ACFFD5

 000800

 C9FFF2

 000000

 E7FFFF

 0D8C52

 0D8C52

 008C4C


 1B8C58

 298C5F

 378C65

 458C6C

 538C72

 618C78

 6F8C7F

 7D8C85

 8B8C8C

# Harmonies

## Analogous

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



5F852C



0D8C52



008F7F

# Triad

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



0D8C52



177DD1



C5594C

# Complementary

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



0D8C52



8C0D47

# 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.



C85176



0D8C52



836CC2

# Square

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



0D8C52



0088C7



B35AA1



AE6A2A

# Rectangle

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



0D8C52



008F9C



B35AA1



C85559



# Sweetspot

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



0D8C52



84B59F



488C0D



3E5C4E



DBDBDB



5C5C5C



# Same Dimension

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



0D8C52



00B562



0D888C



3E4542



008548



000503



# Inverse Universe

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



8C0D47



B50053



8C110D



453E41



85003D



050002



# Previews

## White Background



This preview shows how the Hex color 0D8C52 looks on a white background.

## Color Contrast Check

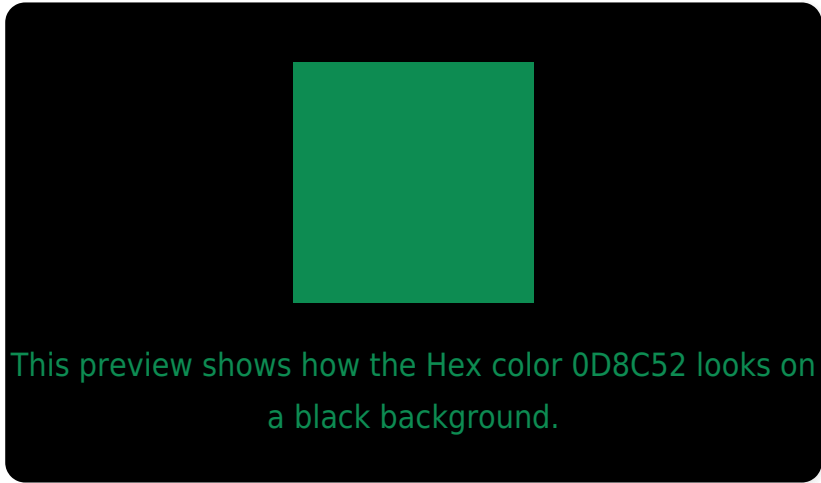
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 0D8C52 Background



This preview shows how black text looks on a background with the Hex color 0D8C52.

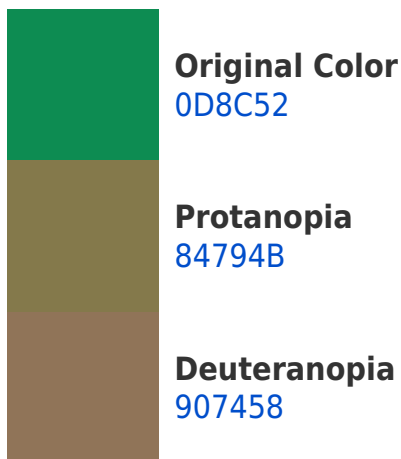


This preview shows how white text looks on a background with the Hex color 0D8C52.

# 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**  
348590

# Trichromacy



**Original Color**  
0D8C52



**Protanomaly**  
59804E



**Deuteranomaly**  
607D56



**Tritanomaly**  
268879

# Monochromacy



**Original Color**  
0D8C52



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
416F5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D8C52 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 #0D8C52 looks like.

```
.text, #text, p{  
    color:#0D8C52  
}
```

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 #0D8C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8C52
}
```

## Border

The CSS property to change the border of an element to Hex 0D8C52 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
#0D8C52 }
```

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

```
.border{ border-color:#0D8C52 }
```

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

Here you see how a box with a 4 pixel #0D8C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8C52; -webkit-box-shadow:4px 4px  
4px 4px #0D8C52; box-shadow:4px 4px 4px  
4px #0D8C52 }
```

# Background

The CSS property to change the background color of an element to Hex 0D8C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8C52 }
```

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

```
.background{ background-color:#0D8C52 }
```

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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