

Converting Colors

Hex(00965B)

Have a look what the booklet for
Hex(00965B) contains.

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Color

Hex(00965B)

Conversions

Conversions Part 1

Format	Color
Hex	00965B
RGB	0, 150, 91
RGB Percent	0%, 59%, 36%
CMY	1.0000, 0.4118, 0.6431
CMYK	1.00, 0.00, 0.39, 0.41
HSL	156°, 100%, 29%
HSV	156°, 100%, 59%
XYZ	12.7947, 22.5680, 13.5792
YIQ	98.4240, -70.4610, -50.1490

Conversions

Conversions Part 2

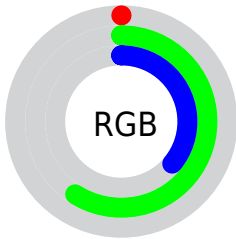
Format	Color
RYB	0, 93, 150
Decimal	38491
CIELab	54.62, -48.16, 21.84
CIElCh	55, 52.886, 155.605
Yxy	22.5680, 0.2614, 0.4611
Android (android.graphics.Color)	4278228571 (0xFF00965B)
YUV	98.4240, -3.6600, -86.3178
Hunter-Lab	47.5058, -35.0600, 16.3064

Details

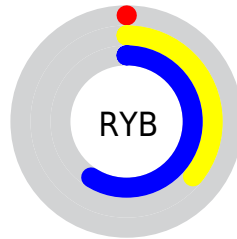
The Hex color **00965B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **96003B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55CD8E**, and **00622C** is the 20% darker color. If you saturate the color by 10%, you get **00965B**, and if you desaturate by 10%, it is **0F9661**.

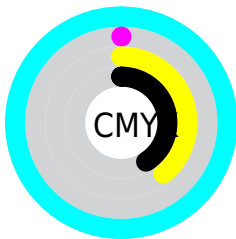
Distribution



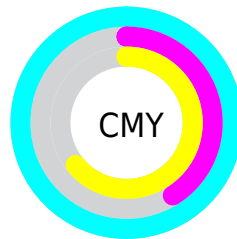
- Red (0%)
- Green (59%)
- Blue (36%)



- Red (0%)
- Yellow (36%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00965B 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 00965B by changing the saturation by 10% instead.

 00965B

 00965B

FFFFFF

 007B43

 55CD8E

 00622C

 73EAA8

 004916

 90FFC4

 003100

 AEFEE0

 001900

 CBFFFC

 000000

 E9FFFF

 00965B

 0F9661

 1E9667

 2D966D

 3C9673

 4B9678

 5A967E

 699684

 78968A

 879690

Harmonies

Analogous

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



638F33



00965B



00998A

Triad

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



00965B



2B85DE



D16150

Complementary

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



00965B



96003B

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.



D5587C



00965B



9073CD

Square

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



00965B



0091D6



C160A9



B8722D

Rectangle

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



00965B



0098A9



C160A9



D55C5E

Sweetspot

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



00965B



88C2AB



3C9600



3E6153



E0E0E0



616161

Same Dimension

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



00965B



00C276



008796



434A47



008A54



000A06

Inverse Universe

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



96003B



C2004C



960F00



4A4345



8A0036



0A0004

Previews

White Background



This preview shows how the Hex color 00965B looks on a white background.

Color Contrast Check

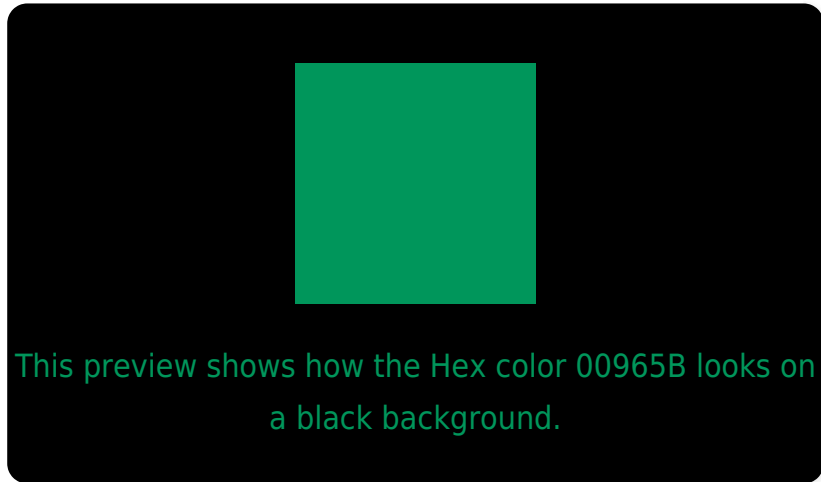
Large Text (above 18pt) WCAG AA ✓ Pass

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 00965B Background



This preview shows how black text looks on a background with the Hex color 00965B.

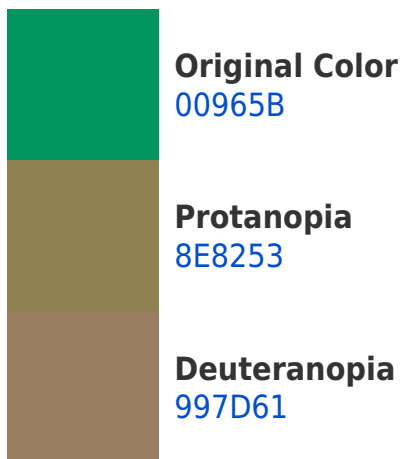


This preview shows how white text looks on a background with the Hex color 00965B.

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
368E9A

Trichromacy



Original Color
00965B



Protanomaly
5A8956



Deuteranomaly
61865F



Tritanomaly
229183

Monochromacy



Original Color
00965B



Achromatopsia
626262



Achromatomaly
3E755F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00965B 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 #00965B looks like.

```
.text, #text, p{  
    color:#00965B  
}
```

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 #00965B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00965B
}
```

Border

The CSS property to change the border of an element to Hex 00965B 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
#00965B }
```

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

```
.border{ border-color:#00965B }
```

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

Here you see how a box with a 4 pixel #00965B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00965B; -webkit-box-shadow:4px 4px  
4px 4px #00965B; box-shadow:4px 4px 4px  
4px #00965B }
```

Background

The CSS property to change the background color of an element to Hex 00965B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00965B }
```

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

```
.background{ background-color:#00965B }
```

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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