

Converting Colors

Hex(00905B)

Have a look what the booklet for
Hex(00905B) contains.

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Color

Hex(00905B)

Conversions

Conversions Part 1

Format	Color
Hex	00905B
RGB	0, 144, 91
RGB Percent	0%, 56%, 36%
CMY	1.0000, 0.4353, 0.6431
CMYK	1.00, 0.00, 0.37, 0.44
HSL	158°, 100%, 28%
HSV	158°, 100%, 56%
XYZ	11.8616, 20.7018, 13.2682
YIQ	94.9020, -68.8110, -47.0110

Conversions

Conversions Part 2

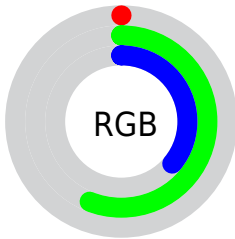
Format	Color
RYB	0, 88, 144
Decimal	36955
CIELab	52.62, -45.92, 19.16
CIELCh	53, 49.755, 157.353
Yxy	20.7018, 0.2588, 0.4517
Android (android.graphics.Color)	4278227035 (0xFF00905B)
YUV	94.9020, -1.9237, -83.2291
Hunter-Lab	45.4993, -33.0891, 14.5597

Details

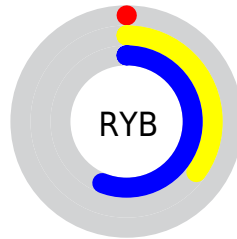
The Hex color **00905B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **900035**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **54C78E**, and **005C2D** is the 20% darker color. If you saturate the color by 10%, you get **00905B**, and if you desaturate by 10%, it is **0E9060**.

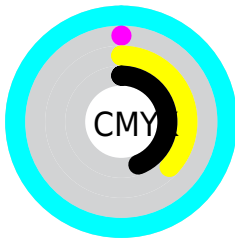
Distribution



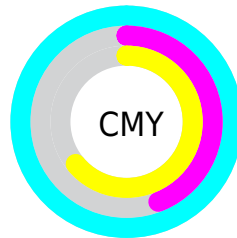
- Red (0%)
- Green (56%)
- Blue (36%)



- Red (0%)
- Yellow (35%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00905B 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 00905B by changing the saturation by 10% instead.

 00905B

 00905B

FFFFFF

 007643

 54C78E

 005C2D

 71E3A8

 004317

 8EFFC3

 002D00

 ABFFDF

 001100

 C8FFFC

 000000

 E6FFFF

 00905B

 0E9060

 1D9066

 2B906B

 3A9070

 489076

 56907B

 659080

 739085

 82908B

Harmonies

Analogous

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



5D8A35



00905B



009287

Triad

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



00905B



3A7FD2



C65F4C

Complementary

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



00905B



900035

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.



CB5675



00905B



8D6EC2

Square

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



00905B



008BCC



BA5D9F



AE6F2C

Rectangle

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



00905B



0092A4



BA5D9F



CA5B59

Sweetspot

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



00905B



82BAA6



379000



3C5E52



DEDEDE



5E5E5E

Same Dimension

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



00905B



00BA76



007F90



404745



008755



000805

Inverse Universe

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



900035



BA0045



901100



474043



870032



080003

Previews

White Background



This preview shows how the Hex color 00905B looks on a white background.

Color Contrast Check

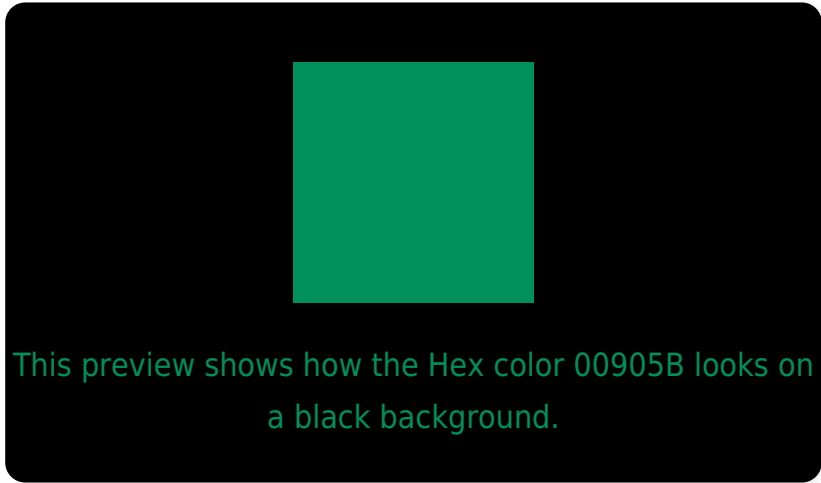
Large Text (above 18pt) WCAG AA ✓ Pass

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

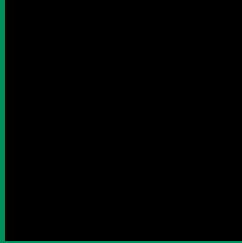
Any Text WCAG AA ✓ Pass

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 00905B Background



This preview shows how black text looks on a background with the Hex color 00905B.

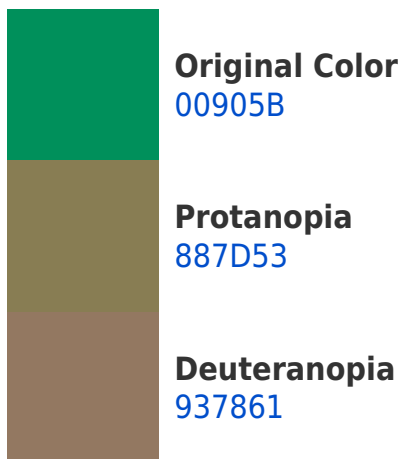


This preview shows how white text looks on a background with the Hex color 00905B.

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
338994

Trichromacy



Original Color
00905B



Protanomaly
578456



Deuteranomaly
5E815F



Tritanomaly
208C7F

Monochromacy



Original Color
00905B



Achromatopsia
5F5F5F



Achromatomaly
3C715E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00905B 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 #00905B looks like.

```
.text, #text, p{  
    color:#00905B  
}
```

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 #00905B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00905B
}
```

Border

The CSS property to change the border of an element to Hex 00905B 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
#00905B }
```

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

```
.border{ border-color:#00905B }
```

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

Here you see how a box with a 4 pixel #00905B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00905B; -webkit-box-shadow:4px 4px  
4px 4px #00905B; box-shadow:4px 4px 4px  
4px #00905B }
```

Background

The CSS property to change the background color of an element to Hex 00905B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00905B }
```

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

```
.background{ background-color:#00905B }
```

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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