

# Converting Colors

Hex(00925A)

Have a look what the booklet for  
Hex(00925A) contains.

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# Color

Hex(00925A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00925A
RGB	0, 146, 90
RGB Percent	0%, 57%, 35%
CMY	1.0000, 0.4275, 0.6471
CMYK	1.00, 0.00, 0.38, 0.43
HSL	157°, 100%, 29%
HSV	157°, 100%, 57%
XYZ	12.1243, 21.2960, 13.1444
YIQ	95.9620, -69.0400, -48.3680

# Conversions

## Conversions Part 2

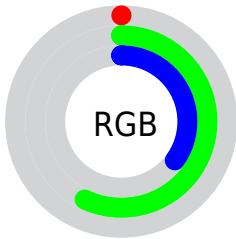
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 146
Decimal	37466
CIELab	53.27, -46.89, 20.59
CIELCh	53, 51.211, 156.294
Yxy	21.2960, 0.2604, 0.4573
Android (android.graphics.Color)	4278227546 (0xFF00925A)
YUV	95.9620, -2.9393, -84.1587
Hunter-Lab	46.1475, -33.8609, 15.4155

# Details

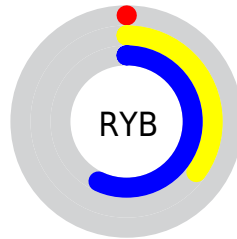
The Hex color **00925A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **920038**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **54C98D**, and **005E2B** is the 20% darker color. If you saturate the color by 10%, you get **00925A**, and if you desaturate by 10%, it is **0F9260**.

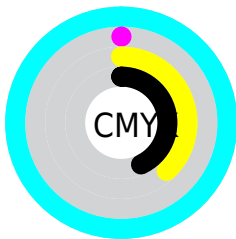
# Distribution



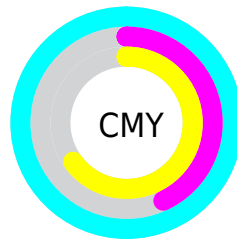
- Red (0%)
- Green (57%)
- Blue (35%)



- Red (0%)
- Yellow (35%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00925A 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 00925A by changing the saturation by 10% instead.



 00925A

 00925A

FFFFFF

 007842

 54C98D

 005E2B

 72E6A7

 004516

 8FFFC2

 002E00

 ACFFDE

 001400

 C9FFFB

 000000

 E7FFFF

 00925A

 0F9260

 1D9265

 2C926B

 3A9270

 499276

 58927C

 669281

 759287

 83928C

# Harmonies

## Analogous

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



608B33



00925A



009588

# Triad

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



00925A



3181D7



CA5F4D

# Complementary

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



00925A



920038

# 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.



CF5678



00925A



8D70C7

# Square

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



00925A



008DD0



BC5EA4



B2702C

# Rectangle

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



00925A



0094A5



BC5EA4



CE5A5B



# Sweetspot

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



00925A



84BDA7



3A9200



3C5E51



DEDEDE



5E5E5E



# Same Dimension

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



00925A



00BD74



008392



434A47



008A55



000A06



# Inverse Universe

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



920038



BD0048



920F00



4A4345



8A0035



0A0004



# Previews

## White Background



This preview shows how the Hex color 00925A looks on a white background.

## Color Contrast Check

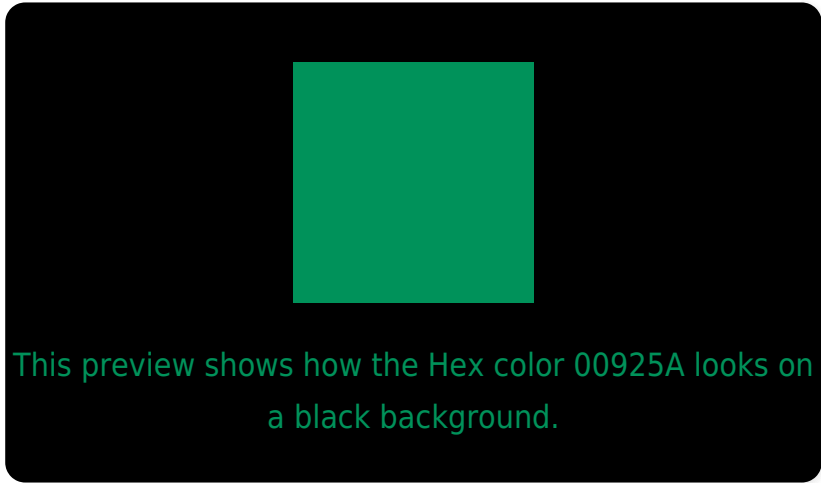
Large Text (above 18pt) WCAG AA ✓ Pass

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 00925A Background



This preview shows how black text looks on a background with the Hex color 00925A.

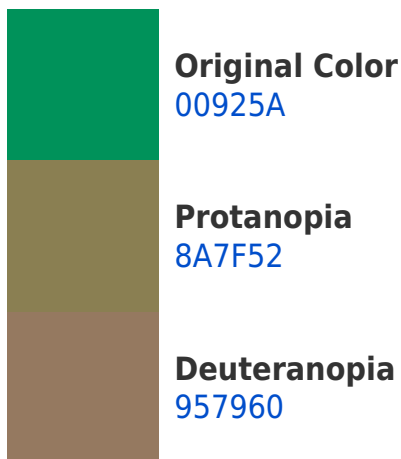


This preview shows how white text looks on a background with the Hex color 00925A.

# 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**  
348B96

# Trichromacy



**Original Color**  
00925A



**Protanomaly**  
588655



**Deuteranomaly**  
5F825E



**Tritanomaly**  
218E80

# Monochromacy



**Original Color**  
00925A



**Achromatopsia**  
606060



**Achromatomaly**  
3D725E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00925A 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 #00925A looks like.

```
.text, #text, p{  
    color:#00925A  
}
```

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 #00925A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00925A
}
```

## Border

The CSS property to change the border of an element to Hex 00925A 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
#00925A }
```

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

```
.border{ border-color:#00925A }
```

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

Here you see how a box with a 4 pixel #00925A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00925A; -webkit-box-shadow:4px 4px  
4px 4px #00925A; box-shadow:4px 4px 4px  
4px #00925A }
```

# Background

The CSS property to change the background color of an element to Hex 00925A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00925A }
```

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

```
.background{ background-color:#00925A }
```

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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