

Converting Colors

Hex(00915A)

Have a look what the booklet for
Hex(00915A) contains.

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Color

Hex(00915A)

Conversions

Conversions Part 1

Format	Color
Hex	00915A
RGB	0, 145, 90
RGB Percent	0%, 57%, 35%
CMY	1.0000, 0.4314, 0.6471
CMYK	1.00, 0.00, 0.38, 0.43
HSL	157°, 100%, 28%
HSV	157°, 100%, 57%
XYZ	11.9709, 20.9890, 13.0932
YIQ	95.3750, -68.7650, -47.8450

Conversions

Conversions Part 2

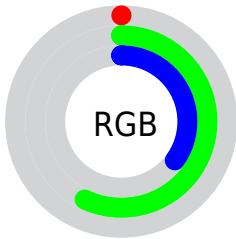
Format	Color
RYB	0, 89, 145
Decimal	37210
CIELab	52.94, -46.51, 20.14
CIELCh	53, 50.688, 156.588
Yxy	20.9890, 0.2599, 0.4558
Android (android.graphics.Color)	4278227290 (0xFF00915A)
YUV	95.3750, -2.6499, -83.6439
Hunter-Lab	45.8137, -33.5330, 15.1250

Details

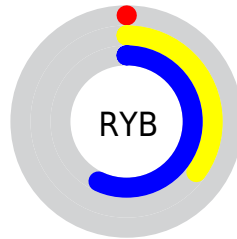
The Hex color **00915A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **910037**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **54C88C**, and **005D2C** is the 20% darker color. If you saturate the color by 10%, you get **00915A**, and if you desaturate by 10%, it is **0E915F**.

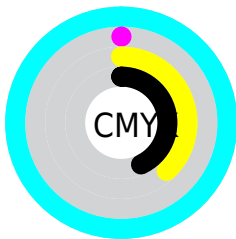
Distribution



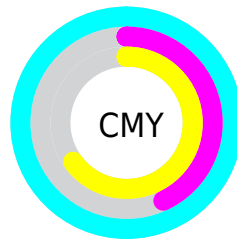
- Red (0%)
- Green (57%)
- Blue (35%)



- 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 00915A 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 00915A by changing the saturation by 10% instead.

 00915A

 00915A

FFFFFF

 007742

 54C88C

 005D2C

 71E4A7

 004416

 8EFFC2

 002E00

 ABFFDE

 001200

 C9FFFB

 000000

 E6FFFF

 00915A

 0E915F

 1D9165

 2C916B

 3A9170

 499176

 57917B

 669181

 749186

 83918B

Harmonies

Analogous

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



5F8B34



00915A



009387

Triad

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



00915A



3480D5



C85F4D

Complementary

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



00915A



910037

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.



CD5676



00915A



8D6FC5

Square

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



00915A



008CCE



BB5DA2



B1702C

Rectangle

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



00915A



0093A4



BB5DA2



CC5A5A

Sweetspot

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



00915A



84BDA7



389100



3C5E51



DEDEDE



5E5E5E

Same Dimension

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



00915A



00BD75



008091



404745



008754



000805

Inverse Universe

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



910037



BD0048



911100



474043



870033



080003

Previews

White Background



This preview shows how the Hex color 00915A looks on a white background.

Color Contrast Check

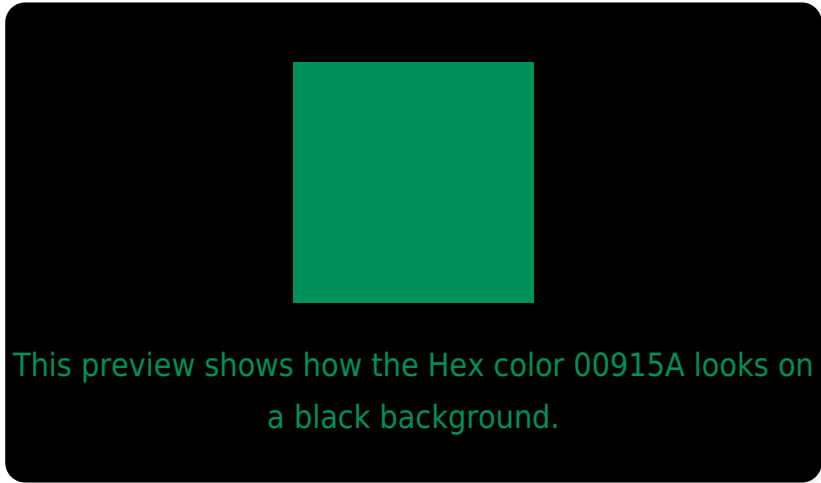
Large Text (above 18pt) WCAG AA ✓ Pass

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 00915A Background



This preview shows how black text looks on a background with the Hex color 00915A.

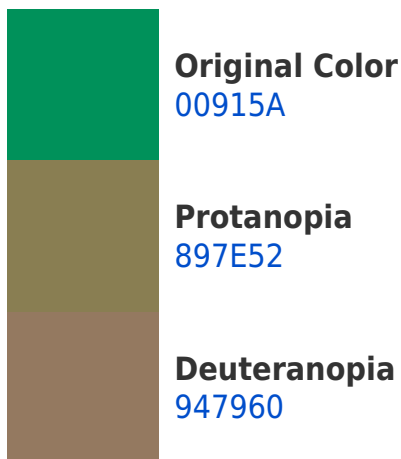


This preview shows how white text looks on a background with the Hex color 00915A.

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
348A95

Trichromacy



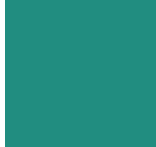
Original Color
00915A



Protanomaly
578555



Deuteranomaly
5E825E



Tritanomaly
218D80

Monochromacy



Original Color
00915A



Achromatopsia
5F5F5F



Achromatomaly
3C715D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00915A 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 #00915A looks like.

```
.text, #text, p{  
    color:#00915A  
}
```

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 #00915A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00915A
}
```

Border

The CSS property to change the border of an element to Hex 00915A 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
#00915A }
```

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

```
.border{ border-color:#00915A }
```

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

Here you see how a box with a 4 pixel #00915A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00915A; -webkit-box-shadow:4px 4px  
4px 4px #00915A; box-shadow:4px 4px 4px  
4px #00915A }
```

Background

The CSS property to change the background color of an element to Hex 00915A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00915A }
```

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

```
.background{ background-color:#00915A }
```

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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