

# Converting Colors

Hex(008D5A)

Have a look what the booklet for  
Hex(008D5A) contains.

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# Color

**Hex(008D5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008D5A
RGB	0, 141, 90
RGB Percent	0%, 55%, 35%
CMY	1.0000, 0.4471, 0.6471
CMYK	1.00, 0.00, 0.36, 0.45
HSL	158°, 100%, 28%
HSV	158°, 100%, 55%
XYZ	11.3703, 19.7879, 12.8930
YIQ	93.0270, -67.6650, -45.7530

# Conversions

## Conversions Part 2

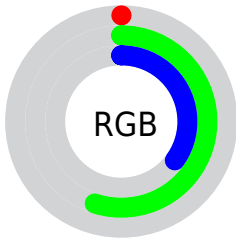
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 141
Decimal	36186
CIELab	51.60, -45.00, 18.33
CIELCh	52, 48.590, 157.832
Yxy	19.7879, 0.2581, 0.4492
Android (android.graphics.Color)	4278226266 (0xFF008D5A)
YUV	93.0270, -1.4923, -81.5847
Hunter-Lab	44.4836, -32.2205, 13.9541

# Details

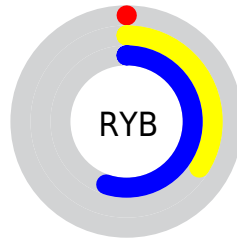
The Hex color **008D5A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8D0033**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **53C48C**, and **00592C** is the 20% darker color. If you saturate the color by 10%, you get **008D5A**, and if you desaturate by 10%, it is **0E8D5F**.

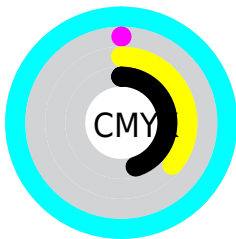
# Distribution



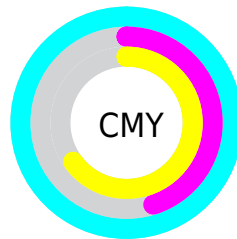
- Red (0%)
- Green (55%)
- Blue (35%)



- Red (0%)
- Yellow (34%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008D5A 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 008D5A by changing the saturation by 10% instead.



 008D5A

 008D5A

FFFFFF

 007342

 53C48C

 00592C

 70E0A7

 004116

 8DFDC2

 002B00

 AAFFDE

 000B00

 C7FFFB

 000000

 E5FFFF

 008D5A

 0E8D5F

 1C8D64

 2A8D69

 388D6E

 478D74

 558D79

 638D7E

 718D83

 7F8D88

# Harmonies

## Analogous

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



5B8735



008D5A



008F85

# Triad

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



008D5A



3C7CCD



C15E4A

# Complementary

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



008D5A



8D0033

# 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.



C75572



008D5A



8B6BBD

# Square

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



008D5A



0088C8



B65B9B



AA6D2C

# Rectangle

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



008D5A



008FA1



B65B9B



C55957



# Sweetspot

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



008D5A



81B8A4



348D00



3B5C50



DBDBDB



5C5C5C



# Same Dimension

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



008D5A



00B875



007A8D



404745



008756



000805



# Inverse Universe

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



8D0033



B80042



8D1300



474043



870031



080003



# Previews

## White Background



This preview shows how the Hex color 008D5A looks on a white background.

## Color Contrast Check

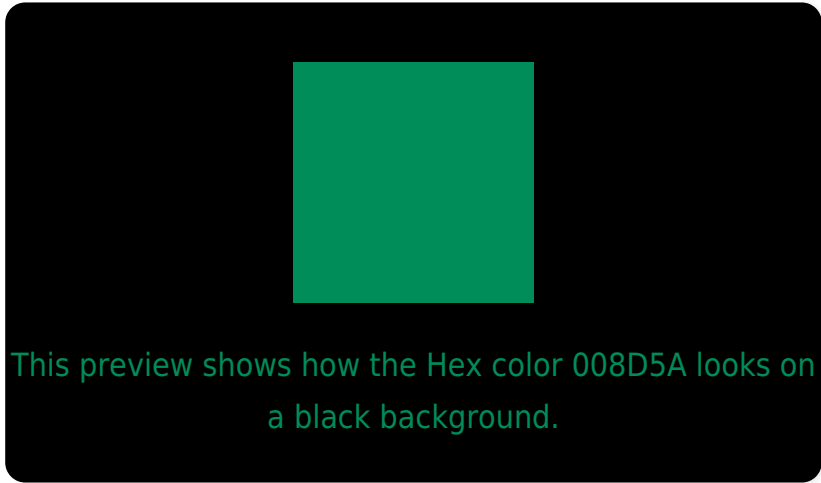
Large Text (above 18pt) WCAG AA ✓ Pass

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 008D5A Background



This preview shows how black text looks on a background with the Hex color 008D5A.



This preview shows how white text looks on a background with the Hex color 008D5A.

# 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



**Original Color**  
008D5A

**Protanopia**  
857A52

**Deuteranopia**  
8F755F



**Tritanopia**  
328691

# Trichromacy



**Original Color**  
008D5A



**Protanomaly**  
558155



**Deuteranomaly**  
5B7E5D



**Tritanomaly**  
20897D

# Monochromacy



**Original Color**  
008D5A



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B6E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008D5A 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 #008D5A looks like.

```
.text, #text, p{  
    color:#008D5A  
}
```

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 #008D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D5A
}
```

## Border

The CSS property to change the border of an element to Hex 008D5A 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
#008D5A }
```

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

```
.border{ border-color:#008D5A }
```

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

Here you see how a box with a 4 pixel #008D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D5A; -webkit-box-shadow:4px 4px  
4px 4px #008D5A; box-shadow:4px 4px 4px  
4px #008D5A }
```

# Background

The CSS property to change the background color of an element to Hex 008D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D5A }
```

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

```
.background{ background-color:#008D5A }
```

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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