

Converting Colors

Hex(009D55)

Have a look what the booklet for
Hex(009D55) contains.

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Color

Hex(009D55)

Conversions

Conversions Part 1

Format	Color
Hex	009D55
RGB	0, 157, 85
RGB Percent	0%, 62%, 33%
CMY	1.0000, 0.3843, 0.6667
CMYK	1.00, 0.00, 0.46, 0.38
HSL	152°, 100%, 31%
HSV	152°, 100%, 62%
XYZ	13.6967, 24.7698, 12.6535
YIQ	101.8490, -70.4600, -55.6760

Conversions

Conversions Part 2

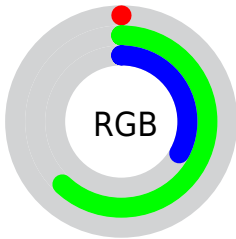
Format	Color
RYB	0, 102, 157
Decimal	40277
CIELab	56.85, -51.87, 28.00
CIELCh	57, 58.950, 151.637
Yxy	24.7698, 0.2679, 0.4845
Android (android.graphics.Color)	4278230357 (0xFF009D55)
YUV	101.8490, -8.3066, -89.3216
Hunter-Lab	49.7693, -37.9725, 19.7644

Details

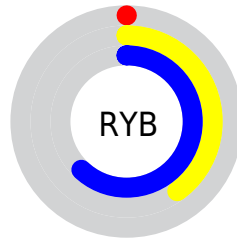
The Hex color **009D55** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9D0048**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **58D588**, and **006826** is the 20% darker color. If you saturate the color by 10%, you get **009D55**, and if you desaturate by 10%, it is **109D5C**.

Distribution



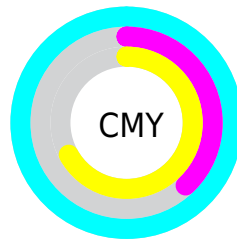
- Red (0%)
- Green (62%)
- Blue (33%)



- Red (0%)
- Yellow (40%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009D55 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 009D55 by changing the saturation by 10% instead.

 009D55

 009D55

FFFFFF

 00823D

 58D588

 006826

 76F2A2

 004F0F

 93FFBD

 003700

 B1FFD9

 002000

 CEFFF6

 000000

 ECFFFF

 009D55

 109D5C

 1F9D63

 2F9D6B

 3F9D72

 4F9D79

 5E9D80

 6E9D87

 7E9D8F

 8D9D96

Harmonies

Analogous

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



6C9528



009D55



00A18A

Triad

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



009D55



008DEF



E15F56

Complementary

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



009D55



9D0048

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.



E35688



009D55



8C7AE0

Square

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



009D55



009AE2



C863BA



C8732B

Rectangle

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



009D55



00A1AD



C863BA



E45A66

Sweetspot

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



009D55



8FCCB0



499D00



416655



E6E6E6



666666

Same Dimension

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



009D55



00CC6E



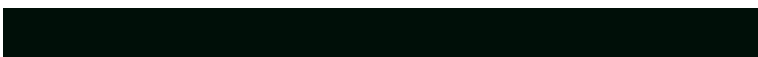
00989D



474F4B



008F4D



000F08

Inverse Universe

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



9D0048



CC005E



9D0500



4F474B



8F0041



0F0007

Previews

White Background



This preview shows how the Hex color 009D55 looks on a white background.

Color Contrast Check

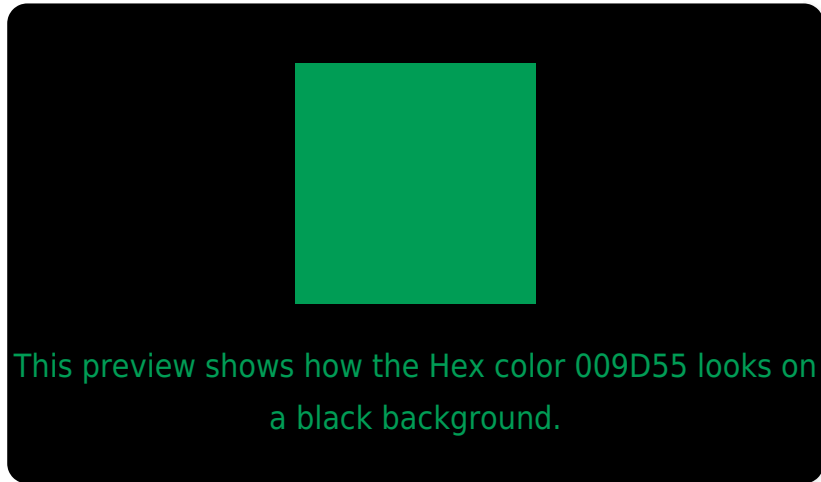
Large Text (above 18pt) WCAG AA ✓ Pass

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 009D55 Background



This preview shows how black text looks on a background with the Hex color 009D55.



This preview shows how white text looks on a background with the Hex color 009D55.

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
3B94A0

Trichromacy



Original Color
009D55



Protanomaly
5F9050



Deuteranomaly
678C59



Tritanomaly
269785

Monochromacy



Original Color
009D55



Achromatopsia
666666



Achromatomaly
417A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 009D55 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 #009D55 looks like.

```
.text, #text, p{  
    color:#009D55  
}
```

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 #009D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009D55
}
```

Border

The CSS property to change the border of an element to Hex 009D55 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
#009D55 }
```

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

```
.border{ border-color:#009D55 }
```

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

Here you see how a box with a 4 pixel #009D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009D55; -webkit-box-shadow:4px 4px  
4px 4px #009D55; box-shadow:4px 4px 4px  
4px #009D55 }
```

Background

The CSS property to change the background color of an element to Hex 009D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009D55 }
```

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

```
.background{ background-color:#009D55 }
```

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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