

Converting Colors

Hex(09AD50)

Have a look what the booklet for
Hex(09AD50) contains.

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Color

Hex(09AD50)

Conversions

Conversions Part 1

Format	Color
Hex	09AD50
RGB	9, 173, 80
RGB Percent	4%, 68%, 31%
CMY	0.9647, 0.3216, 0.6863
CMYK	0.95, 0.00, 0.54, 0.32
HSL	146°, 90%, 36%
HSV	146°, 95%, 68%
XYZ	16.5042, 30.5244, 12.6114
YIQ	113.3620, -67.8910, -63.6910

Conversions

Conversions Part 2

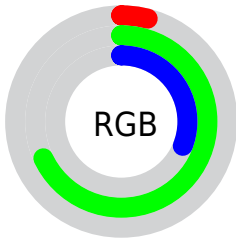
Format	Color
RYB	9, 123, 173
Decimal	634192
CIELab	62.10, -57.71, 37.17
CIELCh	62, 68.644, 147.213
Yxy	30.5244, 0.2767, 0.5118
Android (android.graphics.Color)	4278824272 (0xFF09AD50)
YUV	113.3620, -16.4475, -91.5255
Hunter-Lab	55.2489, -43.3633, 25.1404

Details

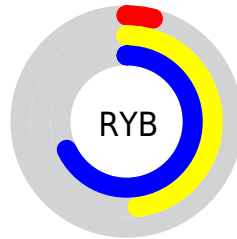
The Hex color **09AD50** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD0966**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FE683**, and **00771F** is the 20% darker color. If you saturate the color by 10%, you get **00AD4B**, and if you desaturate by 10%, it is **1AAD5A**.

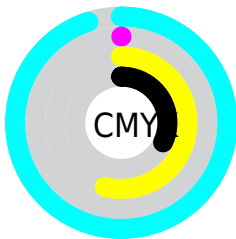
Distribution



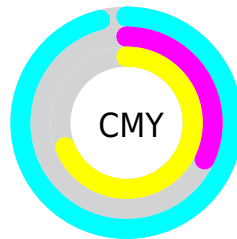
- Red (4%)
- Green (68%)
- Blue (31%)



- Red (4%)
- Yellow (48%)
- Blue (68%)



- Cyan (95%)
- Magenta (0%)
- Yellow (54%)
- Black (32%)



- Cyan (96%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09AD50 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 09AD50 by changing the saturation by 10% instead.

 09AD50

 09AD50

FFFFFF

 009237

 5FE683

 00771F

 7EFF9E

 005D02

 9CFFB9

 004400

 B9FFD5

 002D00

 D8FFF2

 000E00

 F6FFFF

 000000

 09AD50

 09AD50

 00AD4B

 1AAD5A

 2CAD64

 3DAD6D

 4EAD77

 60AD81

 71AD8B

 82AD95

 93AD9E

 A5ADA8

Harmonies

Analogous

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



7DA314



09AD50



00B28E

Triad

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



09AD50



009FFF



FF5F62

Complementary

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



09AD50



AD0966

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.



FE589E



09AD50



8988FF

Square

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



09AD50



00ACFC



DA6CD9



E5792C

Rectangle

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



09AD50



00B2B8



DA6CD9



FF5A76

Sweetspot

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



09AD50



A2E0BD



69AD09



4A705B



F0F0F0



707070

Same Dimension

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



09AD50



00E061



09AD9F



4E5752



009641



00170A

Inverse Universe

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



AD0966



E0007F



AD0917



574E53



960055



17000D

Previews

White Background



This preview shows how the Hex color 09AD50 looks on a white background.

Color Contrast Check

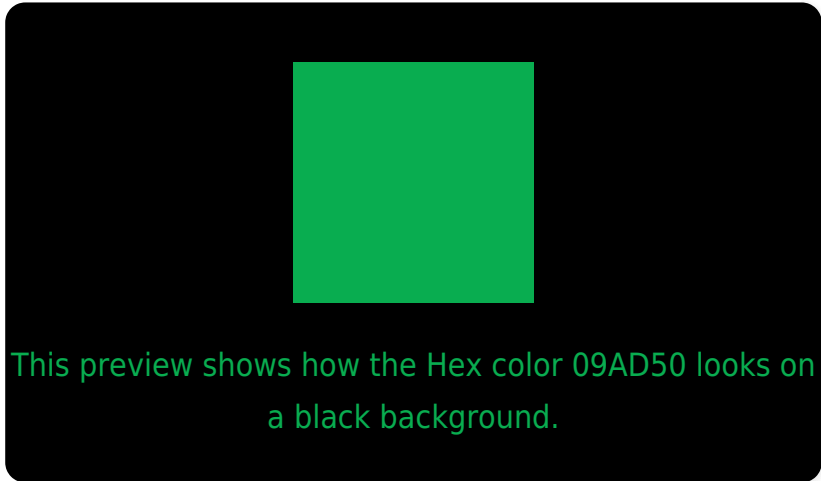
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 09AD50 Background



This preview shows how black text looks on a background with the Hex color 09AD50.



This preview shows how white text looks on a background with the Hex color 09AD50.

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
09AD50

Protanopia
A59548

Deuteranopia
B58E58



Tritanopia
44A3B0

Trichromacy



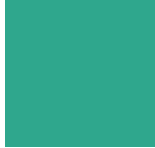
Original Color
09AD50



Protanomaly
6C9E4B



Deuteranomaly
769955



Tritanomaly
2FA78D

Monochromacy



Original Color
09AD50



Achromatopsia
717171



Achromatomaly
4B8765

CSS Examples

Text

The CSS property to change the color of the text to Hex 09AD50 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 #09AD50 looks like.

```
.text, #text, p{  
    color:#09AD50  
}
```

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 #09AD50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09AD50
}
```

Border

The CSS property to change the border of an element to Hex 09AD50 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
#09AD50 }
```

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

```
.border{ border-color:#09AD50 }
```

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

Here you see how a box with a 4 pixel #09AD50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09AD50; -webkit-box-shadow:4px 4px  
4px 4px #09AD50; box-shadow:4px 4px 4px  
4px #09AD50 }
```

Background

The CSS property to change the background color of an element to Hex 09AD50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09AD50 }
```

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

```
.background{ background-color:#09AD50 }
```

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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