

Converting Colors

Hex(09A368)

Have a look what the booklet for
Hex(09A368) contains.

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Color

Hex(09A368)

Conversions

Conversions Part 1

Format	Color
Hex	09A368
RGB	9, 163, 104
RGB Percent	4%, 64%, 41%
CMY	0.9647, 0.3608, 0.5922
CMYK	0.94, 0.00, 0.36, 0.36
HSL	157°, 90%, 34%
HSV	157°, 94%, 64%
XYZ	15.7085, 27.2519, 17.5289
YIQ	110.2280, -72.8450, -50.9970

Conversions

Conversions Part 2

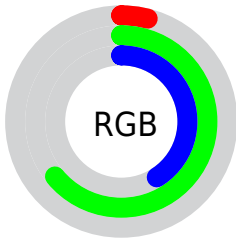
Format	Color
RYB	9, 104, 163
Decimal	631656
CIELab	59.21, -49.78, 20.87
CIELCh	59, 53.974, 157.256
Yxy	27.2519, 0.2597, 0.4505
Android (android.graphics.Color)	4278821736 (0xFF09A368)
YUV	110.2280, -3.0704, -88.7770
Hunter-Lab	52.2034, -37.6434, 16.6339

Details

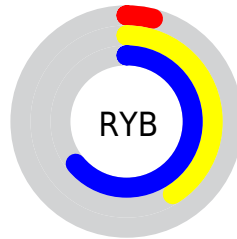
The Hex color **09A368** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A30944**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CDB9C**, and **006E38** is the 20% darker color. If you saturate the color by 10%, you get **00A365**, and if you desaturate by 10%, it is **19A36E**.

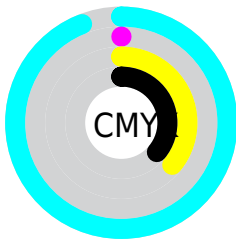
Distribution



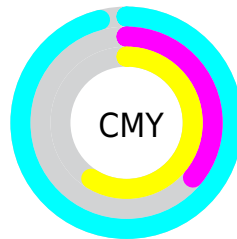
- Red (4%)
- Green (64%)
- Blue (41%)



- Red (4%)
- Yellow (41%)
- Blue (64%)



- Cyan (94%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (96%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09A368 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 09A368 by changing the saturation by 10% instead.



09A368



09A368

FFFFFF



008850



5CDB9C



006E38



7AF8B7



005422



97FFD2



003C0C



B5FFE9



002600



D3FFFF



000000



F1FFFF



09A368



09A368



00A365



19A36E

 2AA374

 3AA37B

 4AA381

 5AA387

 6BA38D

 7BA394

 8BA39A

 9CA3A0

Harmonies

Analogous

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



6B9C3E



09A368



00A699

Triad

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



09A368



4490ED



DF6D58

Complementary

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



09A368



A30944

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.



E56385



09A368



A07DDA

Square

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



09A368



009DE6



D16AB4



C57F35

Rectangle

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



09A368



00A5B9



D16AB4



E46866

Sweetspot

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



09A368



98D4BD



44A309



476B5D



EBEBEB



6B6B6B

Same Dimension

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



09A368



00D483



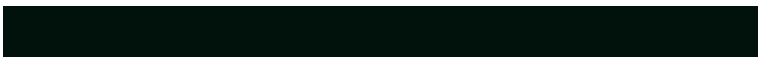
0991A3



49524E



00915A



00120B

Inverse Universe

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



A30944



D40051



A31B09



52494D



910038



120007

Previews

White Background



This preview shows how the Hex color 09A368 looks on a white background.

Color Contrast Check

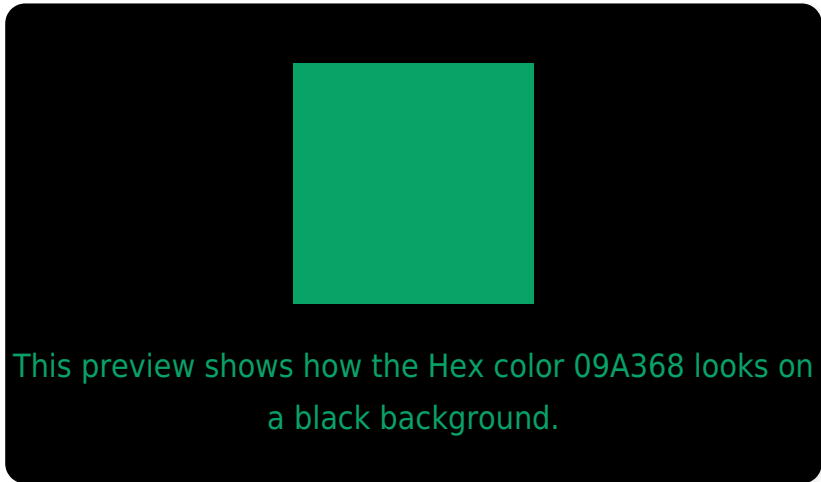
Large Text (above 18pt) WCAG AA ✓ Pass

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

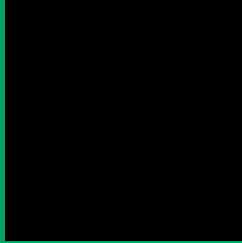
Any Text WCAG AA ✓ Pass

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 09A368 Background



This preview shows how black text looks on a background with the Hex color 09A368.

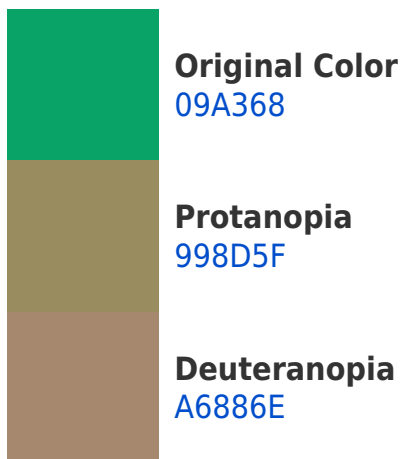


This preview shows how white text looks on a background with the Hex color 09A368.

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
3A9BA8

Trichromacy



Original Color
09A368



Protanomaly
659562



Deuteranomaly
6D926C



Tritanomaly
289E91

Monochromacy



Original Color
09A368



Achromatopsia
6E6E6E



Achromatomaly
49816C

CSS Examples

Text

The CSS property to change the color of the text to Hex 09A368 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 #09A368 looks like.

```
.text, #text, p{  
    color:#09A368  
}
```

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 #09A368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A368
}
```

Border

The CSS property to change the border of an element to Hex 09A368 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
#09A368 }
```

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

```
.border{ border-color:#09A368 }
```

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

Here you see how a box with a 4 pixel #09A368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A368; -webkit-box-shadow:4px 4px  
4px 4px #09A368; box-shadow:4px 4px 4px  
4px #09A368 }
```

Background

The CSS property to change the background color of an element to Hex 09A368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A368 }
```

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

```
.background{ background-color:#09A368 }
```

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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