

Converting Colors

Hex(09BA45)

Have a look what the booklet for
Hex(09BA45) contains.

Hex(09BA45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(09BA45)

Conversions

Conversions Part 1

Format	Color
Hex	09BA45
RGB	9, 186, 69
RGB Percent	4%, 73%, 27%
CMY	0.9647, 0.2706, 0.7294
CMYK	0.95, 0.00, 0.63, 0.27
HSL	140°, 91%, 38%
HSV	140°, 95%, 73%
XYZ	18.7457, 35.6056, 11.5148
YIQ	119.7390, -67.9350, -73.9110

Conversions

Conversions Part 2

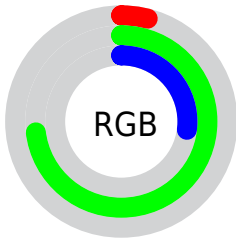
Format	Color
RYB	9, 141, 186
Decimal	637509
CIELab	66.22, -63.34, 47.18
CIELCh	66, 78.979, 143.322
Yxy	35.6056, 0.2846, 0.5406
Android (android.graphics.Color)	4278827589 (0xFF09BA45)
YUV	119.7390, -25.0143, -97.1181
Hunter-Lab	59.6704, -48.3466, 30.3279

Details

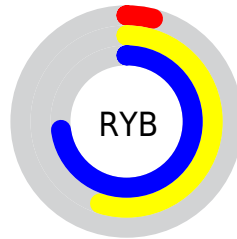
The Hex color **09BA45** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA097E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63F379**, and **00830B** is the 20% darker color. If you saturate the color by 10%, you get **00BA3F**, and if you desaturate by 10%, it is **1CBA51**.

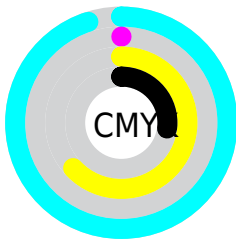
Distribution



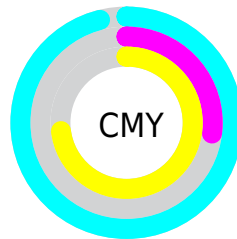
- Red (4%)
- Green (73%)
- Blue (27%)



- Red (4%)
- Yellow (55%)
- Blue (73%)



- Cyan (95%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (96%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09BA45 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 09BA45 by changing the saturation by 10% instead.

 09BA45

 09BA45

FFFFFF

 009E2B

 63F379

 00830B

 83FF94

 006900

 A1FFB0

 004F00

 C0FFCC

 003700

 DEFFE9

 001E00

FDFFFF

 000000

 09BA45

 09BA45

 00BA3F

 1CBA51

 2EBA5E

 41BA6A

 53BA76

 66BA82

 79BA8F

 8BBA9B

 9EBAA7

 B0BAB4

Harmonies

Analogous

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



8CAE00



09BA45



00C08E

Triad

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



09BA45



00AEFF



FF5A6D

Complementary

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



09BA45



BA097E

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.



FF55B4



09BA45



7B95FF

Square

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



09BA45



00BCFF



E672F7



FF7A2B

Rectangle

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



09BA45



00C1C0



E672F7



FF5485

Sweetspot

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



09BA45



ACF2C4



7FBA09



507A5E



FAFAFA



7A7A7A

Same Dimension

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



09BA45



00F252



09BA9C



535C56



009C35



001C0A

Inverse Universe

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



BA097E



F200A0



BA0927



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 09BA45 looks on a white background.

Color Contrast Check

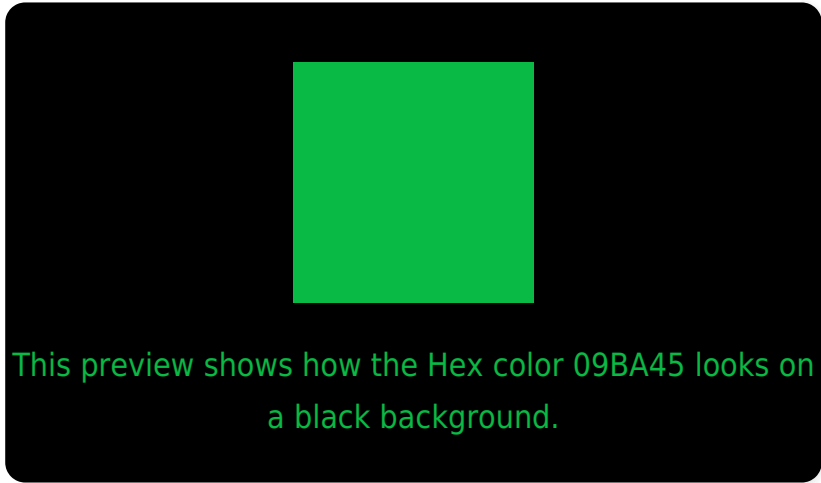
Large Text (above 18pt) WCAG AA × Fail

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 09BA45 Background



This preview shows how black text looks on a background with the Hex color 09BA45.

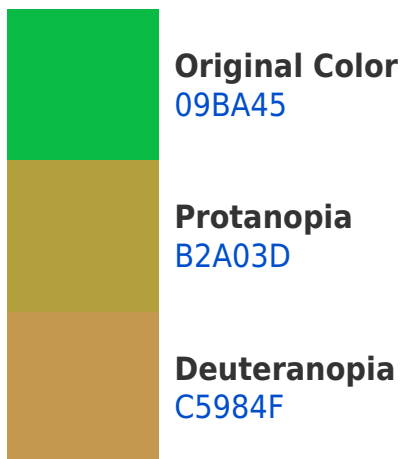


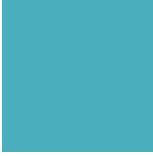
This preview shows how white text looks on a background with the Hex color 09BA45.

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





Trichromacy



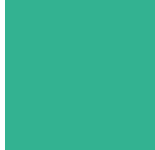
Original Color
09BA45



Protanomaly
75A940



Deuteranomaly
81A44B



Tritanomaly
33B291

Monochromacy



Original Color
09BA45



Achromatopsia
787878



Achromatomaly
509065

CSS Examples

Text

The CSS property to change the color of the text to Hex 09BA45 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 #09BA45 looks like.

```
.text, #text, p{  
    color:#09BA45  
}
```

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 #09BA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BA45
}
```

Border

The CSS property to change the border of an element to Hex 09BA45 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
#09BA45 }
```

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

```
.border{ border-color:#09BA45 }
```

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

Here you see how a box with a 4 pixel #09BA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BA45; -webkit-box-shadow:4px 4px  
4px 4px #09BA45; box-shadow:4px 4px 4px  
4px #09BA45 }
```

Background

The CSS property to change the background color of an element to Hex 09BA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BA45 }
```

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

```
.background{ background-color:#09BA45 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor