

# Converting Colors

Hex(3D9B07)

Have a look what the booklet for  
Hex(3D9B07) contains.

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# Color

Hex(3D9B07)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 3D9B07                      |
| RGB           | 61, 155, 7                  |
| RGB Percent   | 24%, 61%, 3%                |
| CMY           | 0.7608, 0.3922, 0.9725      |
| CMYK          | 0.61, 0.00, 0.95, 0.39      |
| HSL           | 98°, 91%, 32%               |
| HSV           | 98°, 95%, 61%               |
| XYZ           | 13.6842, 24.4501, 4.1991    |
| YIQ           | 110.0220, -8.5160, -65.9560 |

# Conversions

## Conversions Part 2

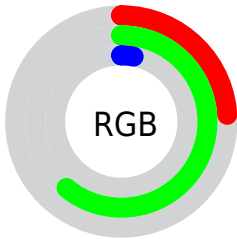
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 7, 155, 101                     |
| Decimal                             | 4037383                         |
| CIELab                              | 56.54, -50.60, 57.49            |
| CIElCh                              | 57, 76.584, 131.351             |
| Yxy                                 | 24.4501, 0.3232,<br>0.5776      |
| Android<br>(android.graphics.Color) | 4282227463<br>(0xFF3D9B07)      |
| YUV                                 | 110.0220, -50.7898,<br>-42.9923 |
| Hunter-Lab                          | 49.4471, -37.1336,<br>29.5779   |

# Details

The Hex color **3D9B07** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **65079B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **78D249**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **399B00**, and if you desaturate by 10%, it is **479B16**.

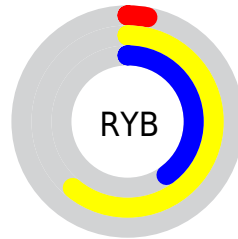
# Distribution



Red (24%)

Green (61%)

Blue (3%)



Red (3%)

Yellow (61%)

Blue (40%)

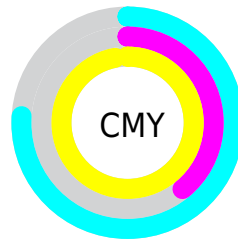


Cyan (61%)

Magenta (0%)

Yellow (95%)

Black (39%)



Cyan (76%)

Magenta (39%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D9B07 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 3D9B07 by changing the saturation by 10% instead.





3D9B07



3D9B07

FFFFFF



188000



78D249



006700



95EF64



004E00



B2FF80



003600



CFFF9B



001F00



EDFFB7



000000



FFFFD4



FFFFF1



3D9B07



3D9B07

■ 399B00

■ 479B16

■ 519B26

■ 5B9B36

■ 649B45

■ 6E9B55

■ 789B64

■ 829B73

■ 8C9B83

■ 969B93

# Harmonies

## Analogous

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



8D8D00



3D9B07



00A25A

# Triad

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



3D9B07



009BFF



FC3671

# Complementary

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



3D9B07



65079B

# 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.



E843B4



3D9B07



0088FF

# Square

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



3D9B07



00A3DF



A869ED



ED5331

# Rectangle

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



3D9B07



00A489



A869ED



F93488



# Sweetspot

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



3D9B07



A4C98F



9B6507



4F6642



E6E6E6



666666



# Same Dimension

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



3D9B07



4AC900



079B1B



484D45



338C00



050D00



# Inverse Universe

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



65079B



8000C9



9B0787



4A454D



59008C

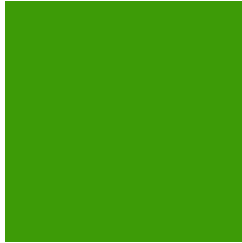


08000D



# Previews

## White Background



This preview shows how the Hex color 3D9B07 looks on a white background.

## Color Contrast Check

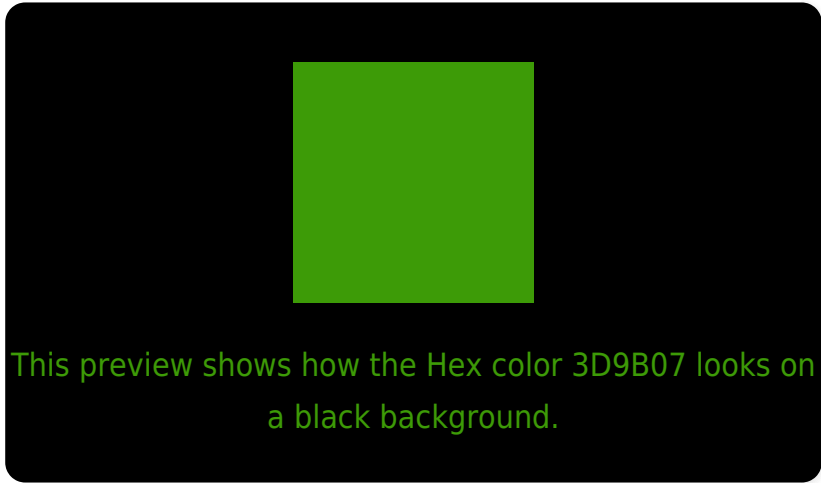
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D9B07 Background



This preview shows how black text looks on a background with the Hex color 3D9B07.



This preview shows how white text looks on a background with the Hex color 3D9B07.

# 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**  
3D9B07

**Protanopia**  
988700

**Deuteranopia**  
A98021



**Tritanopia**  
56909C

# Trichromacy



**Original Color**  
3D9B07



**Protanomaly**  
778E03



**Deuteranomaly**  
828A18



**Tritanomaly**  
4D9466

# Monochromacy



**Original Color**  
3D9B07



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
5C7E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D9B07 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 #3D9B07 looks like.

```
.text, #text, p{  
    color:#3D9B07  
}
```

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 #3D9B07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9B07
}
```

## Border

The CSS property to change the border of an element to Hex 3D9B07 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
#3D9B07 }
```

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

```
.border{ border-color:#3D9B07 }
```

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

Here you see how a box with a 4 pixel #3D9B07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9B07; -webkit-box-shadow:4px 4px  
4px 4px #3D9B07; box-shadow:4px 4px 4px  
4px #3D9B07 }
```

# Background

The CSS property to change the background color of an element to Hex 3D9B07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9B07 }
```

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

```
.background{ background-color:#3D9B07 }
```

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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