

Converting Colors

Hex(3D9247)

Have a look what the booklet for
Hex(3D9247) contains.

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Color

Hex(3D9247)

Conversions

Conversions Part 1

Format	Color
Hex	3D9247
RGB	61, 146, 71
RGB Percent	24%, 57%, 28%
CMY	0.7608, 0.4275, 0.7216
CMYK	0.58, 0.00, 0.51, 0.43
HSL	127°, 41%, 41%
HSV	127°, 58%, 57%
XYZ	13.3407, 22.0048, 9.5055
YIQ	112.0350, -26.5850, -41.3450

Conversions

Conversions Part 2

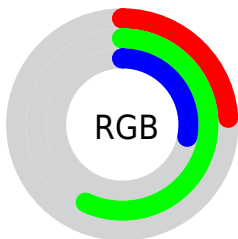
Format	Color
RYB	61, 137, 146
Decimal	4035143
CIELab	54.03, -42.02, 32.02
CIElCh	54, 52.828, 142.687
Yxy	22.0048, 0.2974, 0.4906
Android (android.graphics.Color)	4282225223 (0xFF3D9247)
YUV	112.0350, -20.2303, -44.7577
Hunter-Lab	46.9093, -31.3270, 20.8223




Details

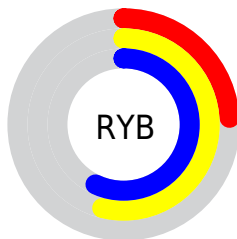
The Hex color **3D9247** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **923D88**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **74C979**, and **005E17** is the 20% darker color. If you saturate the color by 10%, you get **2E923A**, and if you desaturate by 10%, it is **4C9254**.

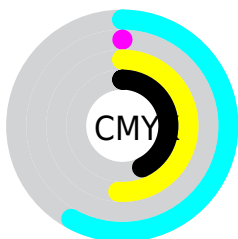
Distribution







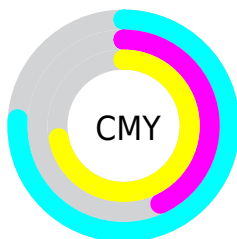
-  Red (24%)
-  Green (57%)
-  Blue (28%)






-  Red (24%)
-  Yellow (54%)
-  Blue (57%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (51%)
-  Black (43%)



-  Cyan (76%)
-  Magenta (43%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9247 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 3D9247 by changing the saturation by 10% instead.



3D9247



3D9247

FFFFFF



1E782F



74C979



005E17



90E593



004600



ACFFAE



002F00



C8FFCA



001700



E5FFE6



000000



3D9247



3D9247



2E923A



4C9254



20922D



5A9261

■ 119220

■ 69926E

■ 039213

■ 77927B

■ 009211

■ 869287

■ 959294

■ A392A1

■ B292AE

■ C092BB

Harmonies

Analogous

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



778925



3D9247



009674

Triad

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



3D9247



008ADC



D45961

Complementary

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



3D9247



923D88

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.



CE588E



3D9247



6E7AD6

Square

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



3D9247



0093C9



AE66B9



C36939

Rectangle

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



3D9247



009794



AE66B9



D45770

Sweetspot

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



3D9247



9DBDA0



88923D



4B5E4E



DEDEDE



5E5E5E

Same Dimension

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



3D9247



39BD48



3D9271



434A43



008A10



000A01

Inverse Universe

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



923D88



BD39AD



923D5E



4A4349



8A007A



0A0009

Previews

White Background



This preview shows how the Hex color 3D9247 looks on a white background.

Color Contrast Check

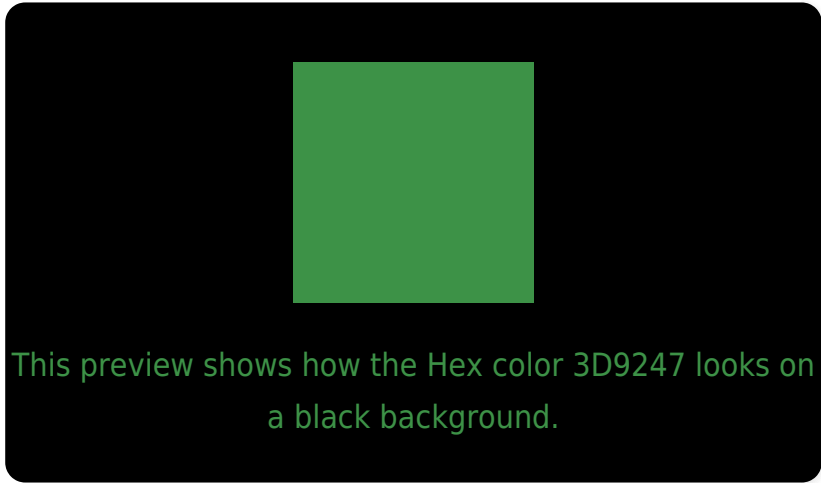
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D9247 Background



This preview shows how black text looks on a background with the Hex color 3D9247.



This preview shows how white text looks on a background with the Hex color 3D9247.

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
3D9247

Protanopia
8E8041

Deuteranopia
9C7B4D



Tritanopia
508A95

Trichromacy



Original Color
3D9247



Protanomaly
718743



Deuteranomaly
79834B



Tritanomaly
498D79

Monochromacy



Original Color
3D9247



Achromatopsia
707070



Achromatomaly
5D7C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9247 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 #3D9247 looks like.

```
.text, #text, p{  
    color:#3D9247  
}
```

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 #3D9247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9247
}
```

Border

The CSS property to change the border of an element to Hex 3D9247 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
#3D9247 }
```

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

```
.border{ border-color:#3D9247 }
```

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

Here you see how a box with a 4 pixel #3D9247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9247; -webkit-box-shadow:4px 4px  
4px 4px #3D9247; box-shadow:4px 4px 4px  
4px #3D9247 }
```

Background

The CSS property to change the background color of an element to Hex 3D9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9247 }
```

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

```
.background{ background-color:#3D9247 }
```

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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