

Converting Colors

Hex(367349)

Have a look what the booklet for
Hex(367349) contains.

Hex(367349)	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(367349)

Conversions

Conversions Part 1

Format	Color
Hex	367349
RGB	54, 115, 73
RGB Percent	21%, 45%, 29%
CMY	0.7882, 0.5490, 0.7137
CMYK	0.53, 0.00, 0.37, 0.55
HSL	139°, 36%, 33%
HSV	139°, 53%, 45%
XYZ	8.8547, 13.5268, 8.4476
YIQ	91.9730, -22.8740, -25.9940

Conversions

Conversions Part 2

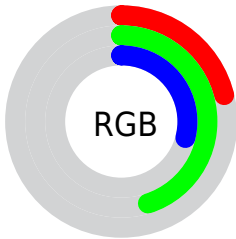
Format	Color
RYB	54, 101, 115
Decimal	3568457
CIELab	43.55, -30.00, 17.37
CIELCh	44, 34.666, 149.938
Yxy	13.5268, 0.2872, 0.4388
Android (android.graphics.Color)	4281758537 (0xFF367349)
YUV	91.9730, -9.3537, -33.3023
Hunter-Lab	36.7788, -21.3882, 12.1270

Details

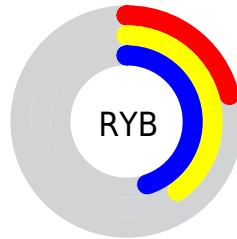
The Hex color **367349** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733660**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **69A77A**, and **00421D** is the 20% darker color. If you saturate the color by 10%, you get **2B7341**, and if you desaturate by 10%, it is **427351**.

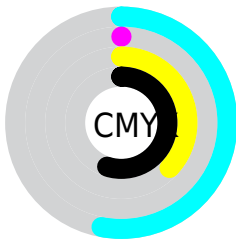
Distribution



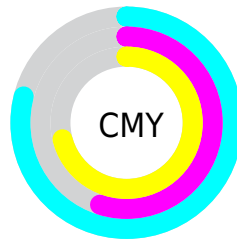
- Red (21%)
- Green (45%)
- Blue (29%)



- Red (21%)
- Yellow (40%)
- Blue (45%)



- Cyan (53%)
- Magenta (0%)
- Yellow (37%)
- Black (55%)



- Cyan (79%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 367349 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 367349 by changing the saturation by 10% instead.



367349



367349

FFFFFF



1B5A32



69A77A



00421D



84C394



002B05



9FDFAF



001500



BAFCCA



000000



D7FFE6



F4FFFF



367349



367349



2B7341



427351

■ 1F7339

■ 4D7359

■ 147331

■ 597361

■ 087329

■ 647369

■ 007324

■ 707371

■ 7B7379

■ 877380

■ 927388

■ 9D7390

Harmonies

Analogous

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



5B6E33



367349



007566

Triad

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



367349



336AA0



9C524C

Complementary

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



367349



733660

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.



9B4F68



367349



695F99

Square

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



367349



007198



8A5584



8F5B36

Rectangle

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



367349



00757A



8A5584



9D5055

Sweetspot

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



367349



7E9686



617336



3E4D42



CCCCCC



4D4D4D

Same Dimension

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



367349



369654



367367



353B37



007A26



00FA4E

Inverse Universe

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



733660



963678



733642



3B3539



7A0054



FA00AC

Previews

White Background



This preview shows how the Hex color 367349 looks on a white background.

Color Contrast Check

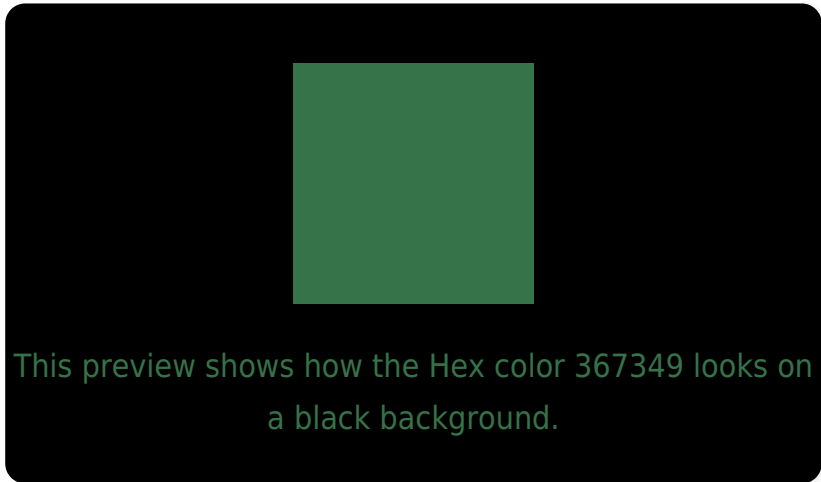
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

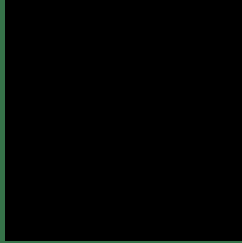
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 367349 Background



This preview shows how black text looks on a background with the Hex color 367349.



This preview shows how white text looks on a background with the Hex color 367349.

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
367349

Protanopia
6F6644

Deuteranopia
79624D



Tritanopia
426D76

Trichromacy



Original Color
367349

Protanomaly
5A6B46

Deuteranomaly
61684C

Tritanomaly
3E6F66

Monochromacy



Original Color
367349

Achromatopsia
5C5C5C

Achromatomaly
4E6455

CSS Examples

Text

The CSS property to change the color of the text to Hex 367349 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 #367349 looks like.

```
.text, #text, p{  
    color:#367349  
}
```

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 #367349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #367349
}
```

Border

The CSS property to change the border of an element to Hex 367349 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
#367349 }
```

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

```
.border{ border-color:#367349 }
```

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

Here you see how a box with a 4 pixel #367349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #367349; -webkit-box-shadow:4px 4px  
4px 4px #367349; box-shadow:4px 4px 4px  
4px #367349 }
```

Background

The CSS property to change the background color of an element to Hex 367349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#367349 }
```

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

```
.background{ background-color:#367349 }
```

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