

Converting Colors

Hex(337339)

Have a look what the booklet for
Hex(337339) contains.

Hex(337339)	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(337339)

Conversions

Conversions Part 1

Format	Color
Hex	337339
RGB	51, 115, 57
RGB Percent	20%, 45%, 22%
CMY	0.8000, 0.5490, 0.7765
CMYK	0.56, 0.00, 0.50, 0.55
HSL	126°, 39%, 33%
HSV	126°, 56%, 45%
XYZ	8.2345, 13.2607, 5.9965
YIQ	89.2520, -19.5260, -31.6060

Conversions

Conversions Part 2

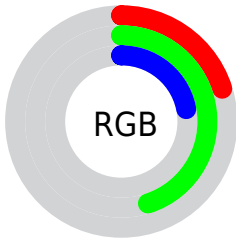
Format	Color
RYB	51, 110, 115
Decimal	3371833
CIELab	43.15, -33.73, 25.90
CIELCh	43, 42.523, 142.484
Yxy	13.2607, 0.2995, 0.4824
Android (android.graphics.Color)	4281561913 (0xFF337339)
YUV	89.2520, -15.9002, -33.5470
Hunter-Lab	36.4152, -23.3628, 15.7274

Details

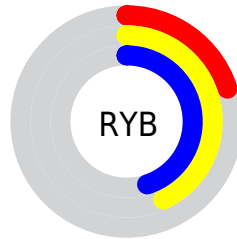
The Hex color **337339** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73336D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **67A869**, and **00420C** is the 20% darker color. If you saturate the color by 10%, you get **28732F**, and if you desaturate by 10%, it is **3F7343**.

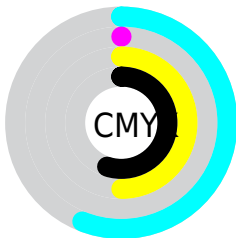
Distribution



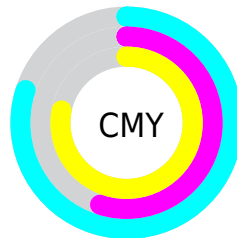
- Red (20%)
- Green (45%)
- Blue (22%)



- Red (20%)
- Yellow (43%)
- Blue (45%)



- Cyan (56%)
- Magenta (0%)
- Yellow (50%)
- Black (55%)



- Cyan (80%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Hex color 337339 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 337339 by changing the saturation by 10% instead.

 337339

 337339

FFFFFF

 175A22

 67A869

 00420C

 82C383

 002B00

 9DDF9D

 001300

 B8FCB8

 000000

 D5FFD4

 F2FFF0

 337339

 337339

 28732F

 3F7343

■ 1C7324

■ 4A734E

■ 11731A

■ 567358

■ 05730F

■ 617363

■ 00730B

■ 6D736D

■ 787378

■ 847382

■ 8F738C

■ 9B7397

Harmonies

Analogous

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



5F6C20



337339



00765C

Triad

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



337339



006CAC



A6484D

Complementary

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



337339



73336D

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.



A14770



337339



5860A7

Square

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



337339



00749D



885191



99532F

Rectangle

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



337339



007774



885191



A74659

Sweetspot

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



337339



7D967F



6E7333



3D4D3F



CCCCCC



4D4D4D

Same Dimension

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



337339



32963B



337358



353B35



007A0B



00FA17

Inverse Universe

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



73336D



96328D



73334E



3B353A



7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 337339 looks on a white background.

Color Contrast Check

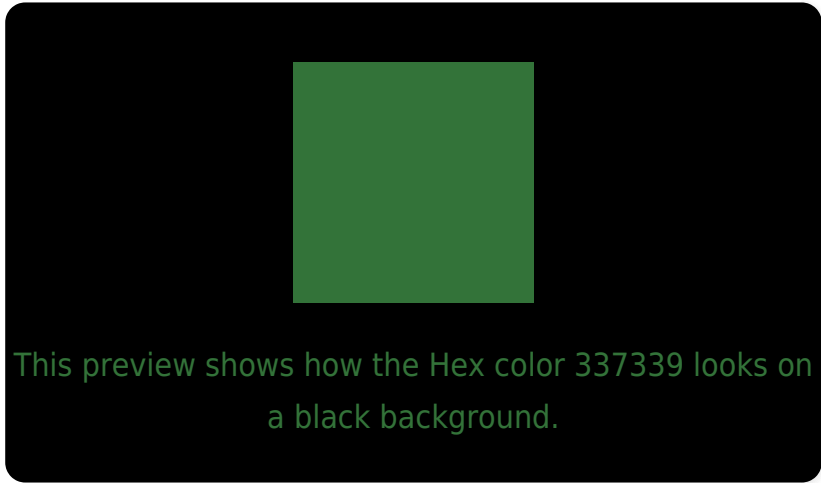
Large Text (above 18pt) WCAG AA ✓ Pass

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

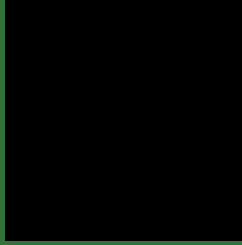
Any Text WCAG AA × Fail

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 337339 Background



This preview shows how black text looks on a background with the Hex color 337339.



This preview shows how white text looks on a background with the Hex color 337339.

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
337339

Protanopia
706634

Deuteranopia
7B613E



Tritanopia
416C75

Trichromacy



Original Color
337339

Protanomaly
5A6B36

Deuteranomaly
61683C

Tritanomaly
3C6F5F

Monochromacy



Original Color
337339

Achromatopsia
595959

Achromatomaly
4B624D

CSS Examples

Text

The CSS property to change the color of the text to Hex 337339 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 #337339 looks like.

```
.text, #text, p{  
    color:#337339  
}
```

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 #337339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337339
}
```

Border

The CSS property to change the border of an element to Hex 337339 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
#337339 }
```

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

```
.border{ border-color:#337339 }
```

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

Here you see how a box with a 4 pixel #337339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337339; -webkit-box-shadow:4px 4px  
4px 4px #337339; box-shadow:4px 4px 4px  
4px #337339 }
```

Background

The CSS property to change the background color of an element to Hex 337339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337339 }
```

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

```
.background{ background-color:#337339 }
```

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