

Converting Colors

Hex(337559)

Have a look what the booklet for
Hex(337559) contains.

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Color

Hex(337559)

Conversions

Conversions Part 1

Format	Color
Hex	337559
RGB	51, 117, 89
RGB Percent	20%, 46%, 35%
CMY	0.8000, 0.5412, 0.6510
CMYK	0.56, 0.00, 0.24, 0.54
HSL	155°, 39%, 33%
HSV	155°, 56%, 46%
XYZ	9.5297, 14.1477, 11.6797
YIQ	94.0740, -30.3480, -22.7000

Conversions

Conversions Part 2

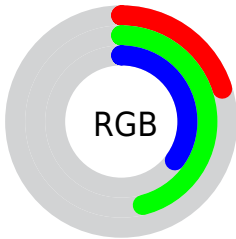
Format	Color
RYB	51, 93, 117
Decimal	3372377
CIELab	44.44, -28.25, 9.19
CIELCh	44, 29.707, 161.989
Yxy	14.1477, 0.2695, 0.4001
Android (android.graphics.Color)	4281562457 (0xFF337559)
YUV	94.0740, -2.5015, -37.7759
Hunter-Lab	37.6134, -20.5987, 7.9186




Details

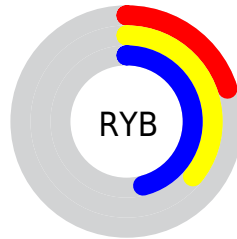
The Hex color **337559** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75334F**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **67AA8B**, and **00442B** is the 20% darker color. If you saturate the color by 10%, you get **277554**, and if you desaturate by 10%, it is **3F755E**.

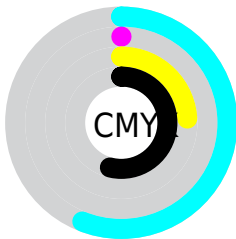
Distribution







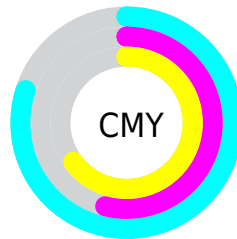
-  Red (20%)
-  Green (46%)
-  Blue (35%)






-  Red (20%)
-  Yellow (36%)
-  Blue (46%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (54%)



-  Cyan (80%)
-  Magenta (54%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337559 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 337559 by changing the saturation by 10% instead.

 337559

 337559

FFFFFF

 175C42

 67AA8B

 00442B

 82C5A5

 002D17

 9DE1C0

 001800

 B8FEDC

 000000

 D5FFF9

 F2FFFF

 337559

 337559

 277554

 3F755E

■ 1C754F

■ 4A7563

■ 10754A

■ 567568

■ 047545

■ 62756D

■ 007543

■ 6E7572

■ 797577

■ 85757C

■ 917581

■ 9C7586

Harmonies

Analogous

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



547143



337559



007673

Triad

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



337559



546899



945A49

Complementary

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



337559



75334F

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.



995560



337559



785F8E

Square

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



337559



227098



905779



85623A

Rectangle

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



337559



007582



905779



975850

Sweetspot

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



337559



7F998E



507533



3D4D46



CCCCCC



4D4D4D

Same Dimension

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



337559



31996D



337175



353B38



007A46



00FA90

Inverse Universe

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



75334F



99315D



753733



3B3537



7A0034



FA006A

Previews

White Background



This preview shows how the Hex color 337559 looks on a white background.

Color Contrast Check

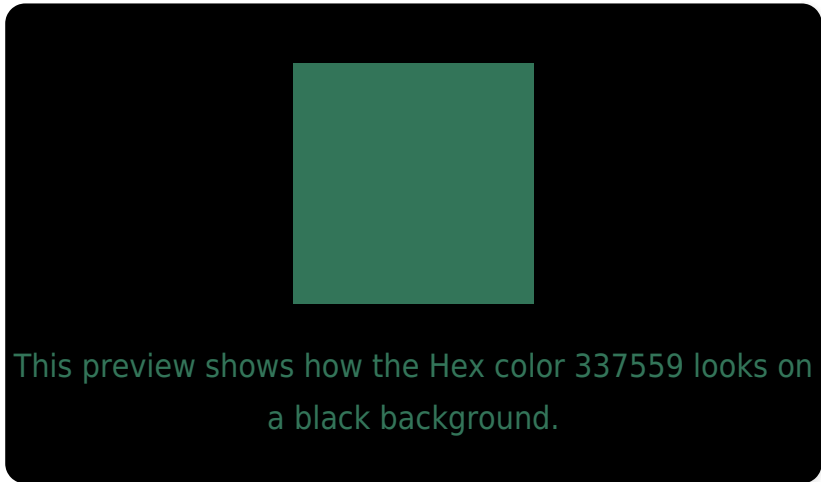
Large Text (above 18pt) WCAG AA ✓ Pass

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

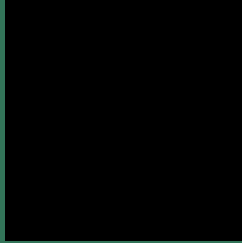
Any Text WCAG AA × Fail

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 337559 Background



This preview shows how black text looks on a background with the Hex color 337559.



This preview shows how white text looks on a background with the Hex color 337559.

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
337559

Protanopia
6F6853

Deuteranopia
77655D



Tritanopia
3D717A

Trichromacy



Original Color
337559

Protanomaly
596D55

Deuteranomaly
5E6B5C

Tritanomaly
39726E

Monochromacy



Original Color
337559

Achromatopsia
5E5E5E

Achromatomaly
4E665C

CSS Examples

Text

The CSS property to change the color of the text to Hex 337559 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 #337559 looks like.

```
.text, #text, p{  
    color:#337559  
}
```

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 #337559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337559
}
```

Border

The CSS property to change the border of an element to Hex 337559 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
#337559 }
```

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

```
.border{ border-color:#337559 }
```

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

Here you see how a box with a 4 pixel #337559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337559; -webkit-box-shadow:4px 4px  
4px 4px #337559; box-shadow:4px 4px 4px  
4px #337559 }
```

Background

The CSS property to change the background color of an element to Hex 337559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337559 }
```

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

```
.background{ background-color:#337559 }
```

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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