

Converting Colors

Hex(307439)

Have a look what the booklet for
Hex(307439) contains.

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Color

Hex(307439)

Conversions

Conversions Part 1

Format	Color
Hex	307439
RGB	48, 116, 57
RGB Percent	19%, 45%, 22%
CMY	0.8118, 0.5451, 0.7765
CMYK	0.59, 0.00, 0.51, 0.55
HSL	128°, 41%, 32%
HSV	128°, 59%, 45%
XYZ	8.2028, 13.4146, 6.0278
YIQ	88.9420, -21.5890, -32.7650

Conversions

Conversions Part 2

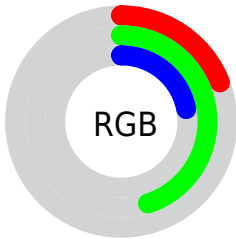
Format	Color
RYB	48, 108, 116
Decimal	3175481
CIELab	43.38, -35.00, 26.16
CIELCh	43, 43.690, 143.224
Yxy	13.4146, 0.2967, 0.4852
Android (android.graphics.Color)	4281365561 (0xFF307439)
YUV	88.9420, -15.7474, -35.9061
Hunter-Lab	36.6259, -24.1180, 15.8803

Details

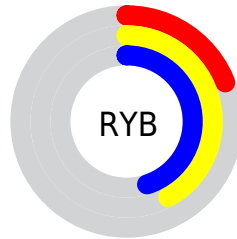
The Hex color **307439** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **74306B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **65A969**, and **00430C** is the 20% darker color. If you saturate the color by 10%, you get **24742F**, and if you desaturate by 10%, it is **3C7443**.

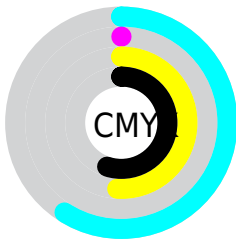
Distribution



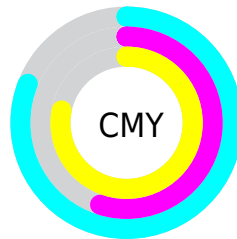
- Red (19%)
- Green (45%)
- Blue (22%)



- Red (19%)
- Yellow (42%)
- Blue (45%)



- Cyan (59%)
- Magenta (0%)
- Yellow (51%)
- Black (55%)



- Cyan (81%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307439 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 307439 by changing the saturation by 10% instead.

 307439

 307439

FFFFFF

 125B22

 65A969

 00430C

 7FC483

 002C00

 9BE09D

 001400

 B6FDB8

 000000

 D3FFD4

 F0FFF1

 307439

 307439

 24742F

 3C7443

■ 197425

■ 47744D

■ 0D741B

■ 537457

■ 027411

■ 5E7461

■ 00740F

■ 6A746B

■ 767475

■ 81747F

■ 8D748A

■ 987494

Harmonies

Analogous

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



5E6D1E



307439



00775D

Triad

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



307439



006DAE



A8474C

Complementary

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



307439



74306B

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.



A44670



307439



5960A9

Square

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



307439



0075A0



8B5192



9B542D

Rectangle

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



307439



007876



8B5192



A94558

Sweetspot

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



307439



7B967F



6C7430



3C4D3E



CCCCCC



4D4D4D

Same Dimension

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



307439



2D963B



30745A



353B36



007A10



00FA21

Inverse Universe

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



74306B



962D89



74304A



3B353A



7A006A



FA00D9

Previews

White Background



This preview shows how the Hex color 307439 looks on a white background.

Color Contrast Check

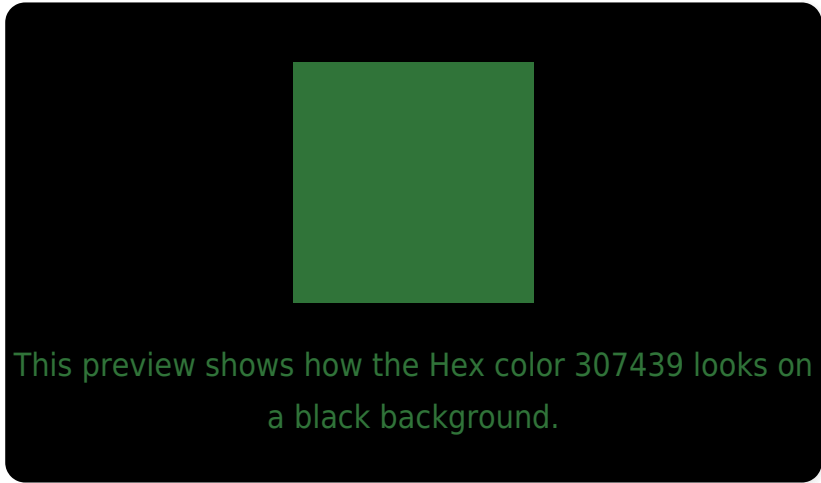
Large Text (above 18pt) WCAG AA ✓ Pass

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

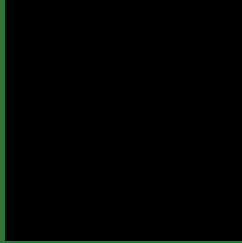
Any Text WCAG AA × Fail

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 307439 Background



This preview shows how black text looks on a background with the Hex color 307439.



This preview shows how white text looks on a background with the Hex color 307439.

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
307439

Protanopia
716634

Deuteranopia
7C613E



Tritanopia
406D76

Trichromacy



Original Color
307439

Protanomaly
596B36

Deuteranomaly
60683C

Tritanomaly
3A7060

Monochromacy



Original Color
307439

Achromatopsia
595959

Achromatomaly
4A634D

CSS Examples

Text

The CSS property to change the color of the text to Hex 307439 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 #307439 looks like.

```
.text, #text, p{  
    color:#307439  
}
```

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 #307439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307439
}
```

Border

The CSS property to change the border of an element to Hex 307439 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
#307439 }
```

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

```
.border{ border-color:#307439 }
```

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

Here you see how a box with a 4 pixel #307439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307439; -webkit-box-shadow:4px 4px  
4px 4px #307439; box-shadow:4px 4px 4px  
4px #307439 }
```

Background

The CSS property to change the background color of an element to Hex 307439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307439 }
```

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

```
.background{ background-color:#307439 }
```

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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