

Converting Colors

Hex(336139)

Have a look what the booklet for
Hex(336139) contains.

Hex(336139)	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(336139)

Conversions

Conversions Part 1

Format	Color
Hex	336139
RGB	51, 97, 57
RGB Percent	20%, 38%, 22%
CMY	0.8000, 0.6196, 0.7765
CMYK	0.47, 0.00, 0.41, 0.62
HSL	128°, 31%, 29%
HSV	128°, 47%, 38%
XYZ	6.3785, 9.5486, 5.3778
YIQ	78.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

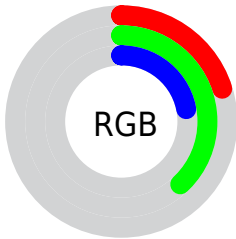
Format	Color
RYB	51, 92, 97
Decimal	3367225
CIELab	37.02, -25.35, 18.03
CIELCh	37, 31.107, 144.569
Yxy	9.5486, 0.2994, 0.4482
Android (android.graphics.Color)	4281557305 (0xFF336139)
YUV	78.6860, -10.6912, -24.2806
Hunter-Lab	30.9008, -17.2310, 11.3121

Details

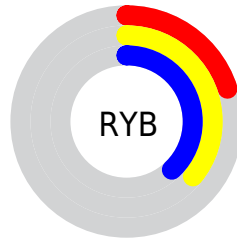
The Hex color **336139** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61335B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **649469**, and **00320E** is the 20% darker color. If you saturate the color by 10%, you get **296131**, and if you desaturate by 10%, it is **3D6141**.

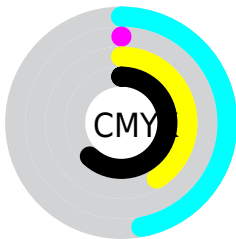
Distribution



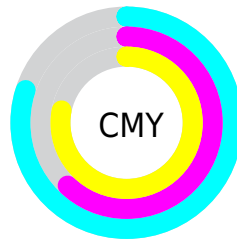
- Red (20%)
- Green (38%)
- Blue (22%)



- Red (20%)
- Yellow (36%)
- Blue (38%)



- Cyan (47%)
- Magenta (0%)
- Yellow (41%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336139 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 336139 by changing the saturation by 10% instead.

■ 336139

■ 336139

FFFFFF

■ 1B4923

■ 649469

■ 00320E

■ 7EAF82

■ 001F00

■ 99CA9C

■ 000000

■ B4E7B7

■ D0FFD3

■ ECFFEF

■ 336139

■ 336139

■ 296131

■ 3D6141

■ 206128

■ 46614A

■ 166120

■ 506152

■ 0C6117

■ 5A615B

■ 03610F

■ 646163

■ 00610D

■ 6D616C

■ 776174

■ 81617C

■ 8A6185

Harmonies

Analogous

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



515C28



336139



006452

Triad

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



336139



1C5B89



864444

Complementary

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



336139



61335B

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.



83425D



336139



525285

Square

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



336139



00617F



724974



7C4B2F

Rectangle

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



336139



006463



724974



86424C

Sweetspot

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



336139



6B7D6E



5C6133



354036



BFBFBF



404040

Same Dimension

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



336139



367D3F



33614F



2C302C



00700F



00F01F

Inverse Universe

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



61335B



7D3674



613345



302C30



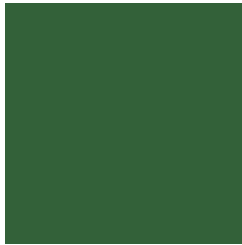
700062



F000D0

Previews

White Background



This preview shows how the Hex color 336139 looks on a white background.

Color Contrast Check

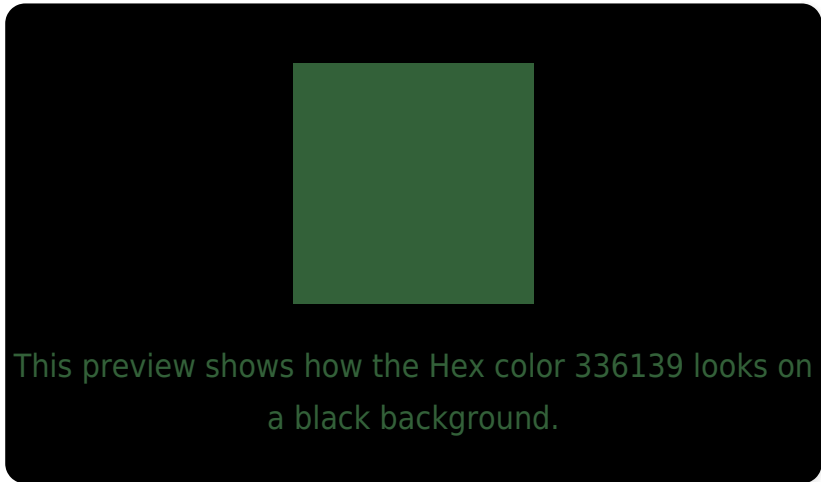
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

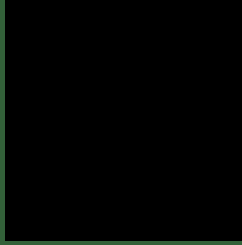
Any Text WCAG AA × Fail

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 336139 Background



This preview shows how black text looks on a background with the Hex color 336139.



This preview shows how white text looks on a background with the Hex color 336139.

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
336139

Protanopia
5F5735

Deuteranopia
67533C



Tritanopia
3C5C63

Trichromacy



Original Color
336139

Protanomaly
4F5B36

Deuteranomaly
54583B

Tritanomaly
395E54

Monochromacy



Original Color
336139

Achromatopsia
4F4F4F

Achromatomaly
455647

CSS Examples

Text

The CSS property to change the color of the text to Hex 336139 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 #336139 looks like.

```
.text, #text, p{  
    color:#336139  
}
```

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 #336139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336139
}
```

Border

The CSS property to change the border of an element to Hex 336139 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
#336139 }
```

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

```
.border{ border-color:#336139 }
```

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

Here you see how a box with a 4 pixel #336139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336139; -webkit-box-shadow:4px 4px  
4px 4px #336139; box-shadow:4px 4px 4px  
4px #336139 }
```

Background

The CSS property to change the background color of an element to Hex 336139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336139 }
```

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

```
.background{ background-color:#336139 }
```

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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