

Converting Colors

Hex(336A3C)

Have a look what the booklet for
Hex(336A3C) contains.

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Color

Hex(336A3C)

Conversions

Conversions Part 1

Format	Color
Hex	336A3C
RGB	51, 106, 60
RGB Percent	20%, 42%, 24%
CMY	0.8000, 0.5843, 0.7647
CMYK	0.52, 0.00, 0.43, 0.58
HSL	130°, 35%, 31%
HSV	130°, 52%, 42%
XYZ	7.3349, 11.3381, 6.0769
YIQ	84.3110, -18.0140, -25.9660

Conversions

Conversions Part 2

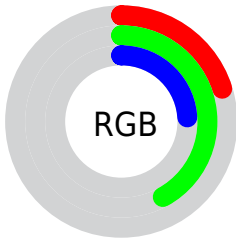
Format	Color
RYB	51, 98, 106
Decimal	3369532
CIELab	40.14, -29.13, 20.37
CIELCh	40, 35.543, 145.034
Yxy	11.3381, 0.2964, 0.4581
Android (android.graphics.Color)	4281559612 (0xFF336A3C)
YUV	84.3110, -11.9853, -29.2137
Hunter-Lab	33.6721, -20.0431, 12.8703

Details

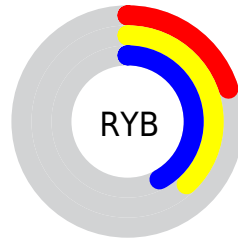
The Hex color **336A3C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A3361**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **669E6C**, and **003A10** is the 20% darker color. If you saturate the color by 10%, you get **286A33**, and if you desaturate by 10%, it is **3E6A45**.

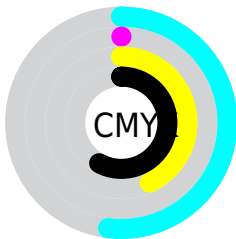
Distribution



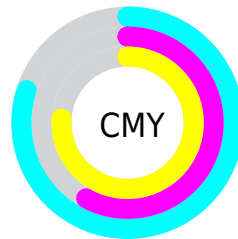
- Red (20%)
- Green (42%)
- Blue (24%)



- Red (20%)
- Yellow (38%)
- Blue (42%)



- Cyan (52%)
- Magenta (0%)
- Yellow (43%)
- Black (58%)



- Cyan (80%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336A3C 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 336A3C by changing the saturation by 10% instead.



336A3C



336A3C

FFFFFF



195126



669E6C



003A10



80B985



002400



9BD5A0



000100



B6F1BB



000000



D2FFD7



FFFFFF3



336A3C



336A3C



286A33



3E6A45

■ 1E6A2A

■ 486A4E

■ 136A21

■ 536A57

■ 096A19

■ 5D6A5F

■ 006A11

■ 686A68

■ 736A71

■ 7D6A7A

■ 886A83

■ 926A8C

Harmonies

Analogous

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



576427



336A3C



006D59

Triad

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



336A3C



0F6398



944748

Complementary

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



336A3C



6A3361

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.



914665



336A3C



585993

Square

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



336A3C



006A8E



7E4D80



895130

Rectangle

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



336A3C



006D6D



7E4D80



954651

Sweetspot

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



336A3C



748A77



626A33



38453A



C4C4C4



454545

Same Dimension

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



336A3C



348A42



336A57



303631



007513



00F528

Inverse Universe

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



6A3361



8A347C



6A3346



363035



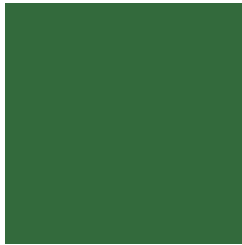
750062



F500CD

Previews

White Background



This preview shows how the Hex color 336A3C looks on a white background.

Color Contrast Check

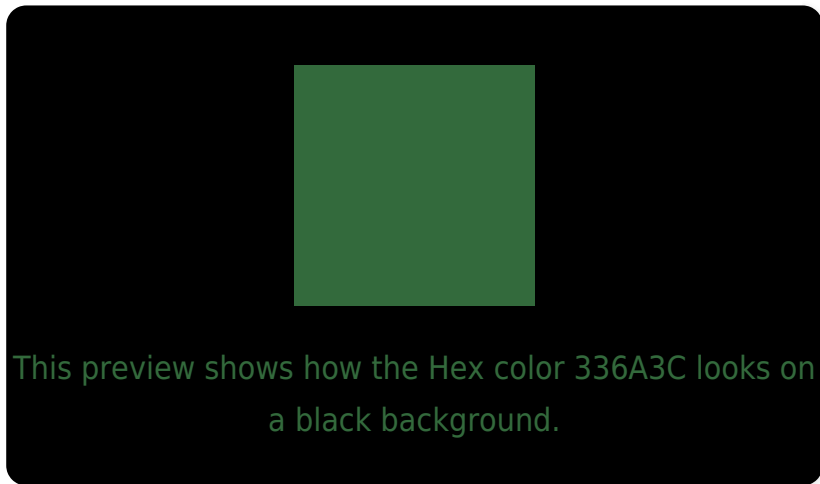
Large Text (above 18pt) WCAG AA ✓ Pass

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

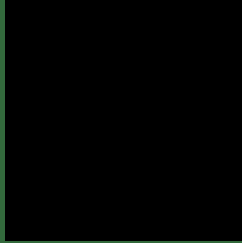
Any Text WCAG AA × Fail

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 336A3C Background



This preview shows how black text looks on a background with the Hex color 336A3C.



This preview shows how white text looks on a background with the Hex color 336A3C.

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
336A3C

Protanopia
675E38

Deuteranopia
715A40



Tritanopia
3E646C

Trichromacy



Original Color
336A3C

Protanomaly
546239

Deuteranomaly
5A603F

Tritanomaly
3A665B

Monochromacy



Original Color
336A3C

Achromatopsia
545454

Achromatomaly
485C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 336A3C 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 #336A3C looks like.

```
.text, #text, p{  
    color:#336A3C  
}
```

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 #336A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336A3C
}
```

Border

The CSS property to change the border of an element to Hex 336A3C 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
#336A3C }
```

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

```
.border{ border-color:#336A3C }
```

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

Here you see how a box with a 4 pixel #336A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336A3C; -webkit-box-shadow:4px 4px  
4px 4px #336A3C; box-shadow:4px 4px 4px  
4px #336A3C }
```

Background

The CSS property to change the background color of an element to Hex 336A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336A3C }
```

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

```
.background{ background-color:#336A3C }
```

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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