

# Converting Colors

Hex(336342)

Have a look what the booklet for  
Hex(336342) contains.

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# Color

Hex(336342)

# Conversions

## Conversions Part 1

Format	Color
Hex	336342
RGB	51, 99, 66
RGB Percent	20%, 39%, 26%
CMY	0.8000, 0.6118, 0.7412
CMYK	0.48, 0.00, 0.33, 0.61
HSL	139°, 32%, 29%
HSV	139°, 48%, 39%
XYZ	6.8104, 10.0208, 6.7295
YIQ	80.8860, -18.0150, -20.4390

# Conversions

## Conversions Part 2

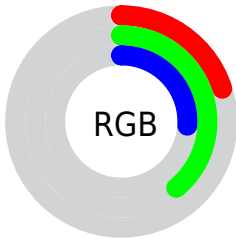
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 88, 99
Decimal	3367746
CIELab	37.88, -24.57, 13.82
CIELCh	38, 28.188, 150.637
Yxy	10.0208, 0.2891, 0.4253
Android (android.graphics.Color)	4281557826 (0xFF336342)
YUV	80.8860, -7.3388, -26.2100
Hunter-Lab	31.6557, -16.9948, 9.5548

# Details

The Hex color **336342** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **633354**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **659672**, and **003417** is the 20% darker color. If you saturate the color by 10%, you get **29633B**, and if you desaturate by 10%, it is **3D6349**.

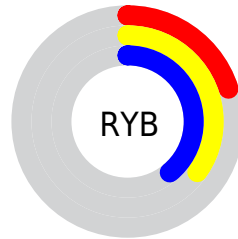
# Distribution



Red (20%)

Green (39%)

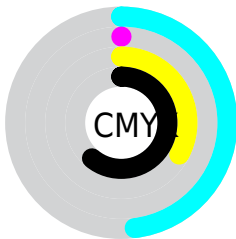
Blue (26%)



Red (20%)

Yellow (35%)

Blue (39%)

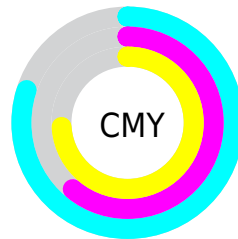


Cyan (48%)

Magenta (0%)

Yellow (33%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 336342 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 336342 by changing the saturation by 10% instead.





336342



336342

FFFFFF



1A4B2C



659672



003417



7EB18C



002000



99CDA6



000000



B4E9C1



D0FFDD



EDFFFA



336342



336342



29633B



3D6349

■ 1F6334

■ 476350

■ 15632E

■ 516356

■ 0B6327

■ 5B635D

■ 026320

■ 656364

■ 00631F

■ 6E636B

■ 786372

■ 826378

■ 8C637F

# Harmonies

## Analogous

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



4F5F31



336342



016559

# Triad

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



336342



355B86



844943

# Complementary

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



336342



633354

# 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.



83475A



336342



5C5380

# Square

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



336342



006180



764B70



795032

# Rectangle

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



336342



006568



764B70



85474A



# Sweetspot

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



336342



6C8072



556333



344038



BFBFBF



404040



# Same Dimension

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



336342



36804D



336359



2C302D



007023



00F04B



# Inverse Universe

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



633354



803668



63333D



302C2F



70004D

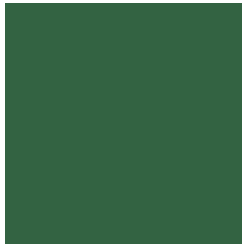


F000A5



# Previews

## White Background



This preview shows how the Hex color 336342 looks on a white background.

## Color Contrast Check

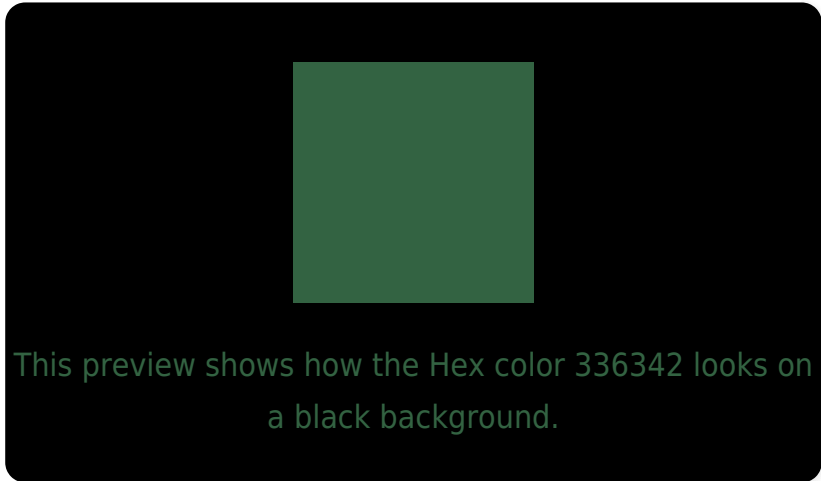
Large Text (above 18pt) WCAG AA ✓ Pass

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

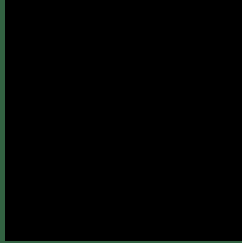
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 336342 Background



This preview shows how black text looks on a background with the Hex color 336342.



This preview shows how white text looks on a background with the Hex color 336342.

# 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**  
336342

**Protanopia**  
60593E

**Deuteranopia**  
685545



**Tritanopia**  
3C5F66

# Trichromacy



**Original Color**  
336342

**Protanomaly**  
505D3F

**Deuteranomaly**  
555A44

**Tritanomaly**  
396059

# Monochromacy



**Original Color**  
336342

**Achromatopsia**  
515151

**Achromatomaly**  
46584C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 336342 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 #336342 looks like.

```
.text, #text, p{  
    color:#336342  
}
```

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 #336342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336342
}
```

## Border

The CSS property to change the border of an element to Hex 336342 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
#336342 }
```

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

```
.border{ border-color:#336342 }
```

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

Here you see how a box with a 4 pixel #336342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336342; -webkit-box-shadow:4px 4px  
4px 4px #336342; box-shadow:4px 4px 4px  
4px #336342 }
```

# Background

The CSS property to change the background color of an element to Hex 336342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336342 }
```

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

```
.background{ background-color:#336342 }
```

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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