

# Converting Colors

Hex(336327)

Have a look what the booklet for  
Hex(336327) contains.

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# Color

Hex(336327)

# Conversions

## Conversions Part 1

Format	Color
Hex	336327
RGB	51, 99, 39
RGB Percent	20%, 39%, 15%
CMY	0.8000, 0.6118, 0.8471
CMYK	0.48, 0.00, 0.61, 0.61
HSL	108°, 43%, 27%
HSV	108°, 61%, 39%
XYZ	6.1933, 9.7740, 3.4796
YIQ	77.8080, -9.3480, -28.8360

# Conversions

## Conversions Part 2

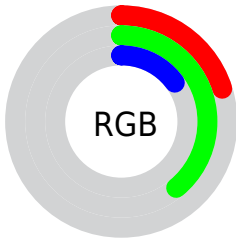
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 99, 87
Decimal	3367719
CIE <sub>Lab</sub>	37.43, -29.12, 28.66
CIE <sub>LCh</sub>	37, 40.855, 135.453
Yxy	9.7740, 0.3185, 0.5026
Android (android.graphics.Color)	4281557799 (0xFF336327)
YUV	77.8080, -19.1323, -23.5106
Hunter-Lab	31.2634, -19.3499, 15.2854

# Details

The Hex color **336327** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572763**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **659656**, and **013400** is the 20% darker color. If you saturate the color by 10%, you get **2B631D**, and if you desaturate by 10%, it is **3B6331**.

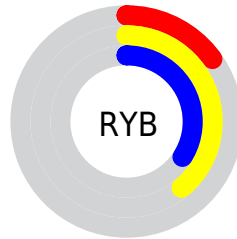
# Distribution



Red (20%)

Green (39%)

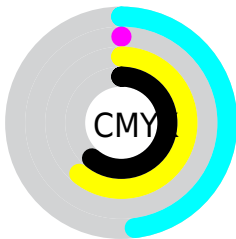
Blue (15%)



Red (15%)

Yellow (39%)

Blue (34%)

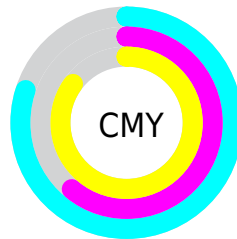


Cyan (48%)

Magenta (0%)

Yellow (61%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 336327 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 336327 by changing the saturation by 10% instead.



 336327

 336327

FFFFFF

 194B10

 659656

 013400

 7FB16F

 002000

 9ACD89

 000000

 B6E9A3

 D2FFBF

 EEFFDB

 FFFFF7

 336327

 336327

 2B631D

 3B6331

 236313

 43633B

 1B6309

 4B6345

 146300

 53634F

 5B6359

 636362

 6A636C

 726376

 7A6380

# Harmonies

## Analogous

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



595C11



336327



006746

# Triad

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



336327



006098



943A48

# Complementary

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



336327



572763

# 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.



8C3C6A



336327



395698

# Square

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



336327



006686



6F4887



8C432A

# Rectangle

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



336327



00685D



6F4887



933953



# Sweetspot

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



336327



6D8069



635727



354032



BFBFBF



404040



# Same Dimension

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



336327



358022



276339



2D302C



167000



30F000



# Inverse Universe

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



572763



6D2280



632751



2F2C30



5A0070

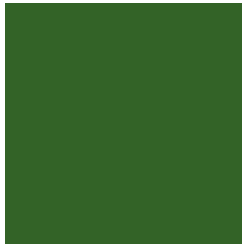


C000F0



# Previews

## White Background



This preview shows how the Hex color 336327 looks on a white background.

## Color Contrast Check

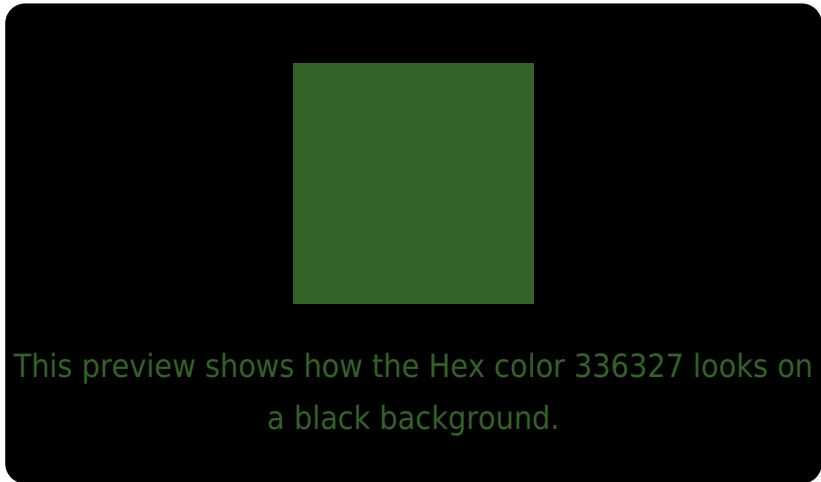
Large Text (above 18pt) WCAG AA ✓ Pass

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

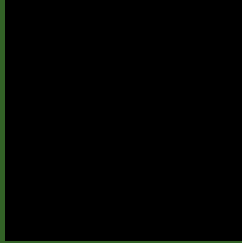
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 336327 Background



This preview shows how black text looks on a background with the Hex color 336327.



This preview shows how white text looks on a background with the Hex color 336327.

# 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**  
336327

**Protanopia**  
625824

**Deuteranopia**  
6C542B



**Tritanopia**  
3F5D64

# Trichromacy



**Original Color**  
336327

**Protanomaly**  
515C25

**Deuteranomaly**  
57592A

**Tritanomaly**  
3B5F4E

# Monochromacy



**Original Color**  
336327

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
445640

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 336327 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 #336327 looks like.

```
.text, #text, p{  
    color:#336327  
}
```

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 #336327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336327
}
```

## Border

The CSS property to change the border of an element to Hex 336327 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
#336327 }
```

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

```
.border{ border-color:#336327 }
```

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

Here you see how a box with a 4 pixel #336327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336327; -webkit-box-shadow:4px 4px  
4px 4px #336327; box-shadow:4px 4px 4px  
4px #336327 }
```

# Background

The CSS property to change the background color of an element to Hex 336327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336327 }
```

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

```
.background{ background-color:#336327 }
```

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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