

Converting Colors

Hex(336331)

Have a look what the booklet for
Hex(336331) contains.

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Color

Hex(336331)

Conversions

Conversions Part 1

Format	Color
Hex	336331
RGB	51, 99, 49
RGB Percent	20%, 39%, 19%
CMY	0.8000, 0.6118, 0.8078
CMYK	0.48, 0.00, 0.51, 0.61
HSL	118°, 34%, 29%
HSV	118°, 51%, 39%
XYZ	6.3815, 9.8492, 4.4705
YIQ	78.9480, -12.5580, -25.7260

Conversions

Conversions Part 2

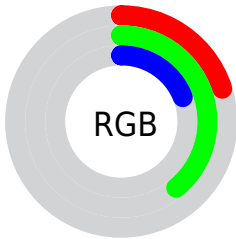
Format	Color
R_{YB}	49, 99, 97
Decimal	3367729
CIE _{Lab}	37.57, -27.69, 23.37
CIE _{LCh}	38, 36.230, 139.839
Yxy	9.8492, 0.3083, 0.4758
Android (android.graphics.Color)	4281557809 (0xFF336331)
YUV	78.9480, -14.7644, -24.5104
Hunter-Lab	31.3835, -18.6253, 13.5228

Details

The Hex color **336331** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613163**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **659660**, and **003403** is the 20% darker color. If you saturate the color by 10%, you get **296327**, and if you desaturate by 10%, it is **3D633B**.

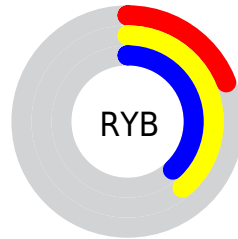
Distribution



Red (20%)

Green (39%)

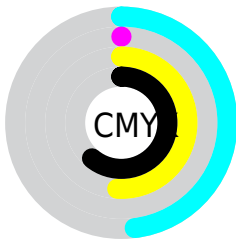
Blue (19%)



Red (19%)

Yellow (39%)

Blue (38%)

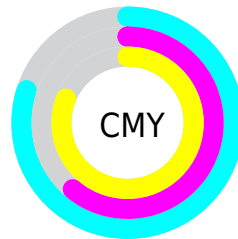


Cyan (48%)

Magenta (0%)

Yellow (51%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336331 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 336331 by changing the saturation by 10% instead.

■ 336331

■ 336331

FFFFFF

■ 1A4B1B

■ 659660

■ 003403

■ 7FB179

■ 002000

■ 9ACD93

■ 000000

■ B5E9AE

■ D1FFCA

■ EEFFE6

■ 336331

■ 336331

■ 296327

■ 3D633B

 20631D

 466345

 166313

 50634F

 0D6309

 596359

 046300

 636363

 6C636C

 766376

 7F6380

 89638A

Harmonies

Analogous

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



565D1E



336331



00664D

Triad

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



336331



005F92



8E4046

Complementary

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



336331



613163

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.



894064



336331



495590

Square

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



336331



006484



72497E



85482D

Rectangle

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



336331



006761



72497E



8E3E50

Sweetspot

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



336331



6D806C



636131



354034



BFBFBF



404040

Same Dimension

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



336331



358032



316348



2C302C



047000



0AF000

Inverse Universe

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



613163



7C3280



63314D



302C30



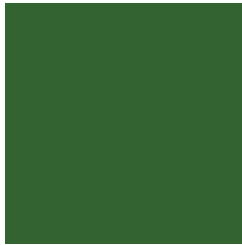
6C0070



E600F0

Previews

White Background



This preview shows how the Hex color 336331 looks on a white background.

Color Contrast Check

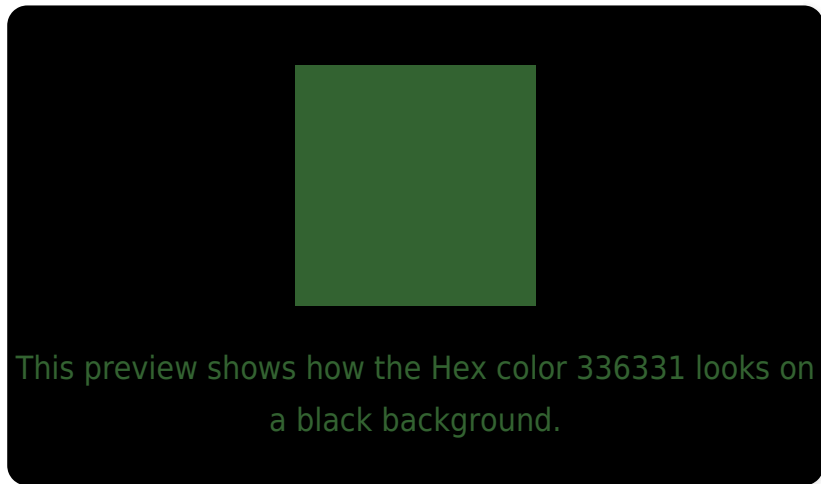
Large Text (above 18pt) WCAG AA ✓ Pass

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

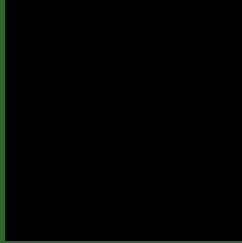
Any Text WCAG AA × Fail

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 336331 Background



This preview shows how black text looks on a background with the Hex color 336331.



This preview shows how white text looks on a background with the Hex color 336331.

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
336331

Protanopia
61582D

Deuteranopia
6B5435

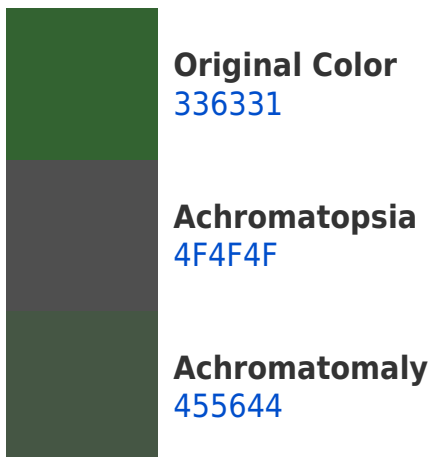


Tritanopia
3E5D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 336331 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 #336331 looks like.

```
.text, #text, p{  
    color:#336331  
}
```

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 #336331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336331
}
```

Border

The CSS property to change the border of an element to Hex 336331 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
#336331 }
```

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

```
.border{ border-color:#336331 }
```

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

Here you see how a box with a 4 pixel #336331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336331; -webkit-box-shadow:4px 4px  
4px 4px #336331; box-shadow:4px 4px 4px  
4px #336331 }
```

Background

The CSS property to change the background color of an element to Hex 336331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336331 }
```

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

```
.background{ background-color:#336331 }
```

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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