

Converting Colors

Hex(336751)

Have a look what the booklet for
Hex(336751) contains.

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Color

Hex(336751)

Conversions

Conversions Part 1

Format	Color
Hex	336751
RGB	51, 103, 81
RGB Percent	20%, 40%, 32%
CMY	0.8000, 0.5961, 0.6824
CMYK	0.50, 0.00, 0.21, 0.60
HSL	155°, 34%, 30%
HSV	155°, 50%, 40%
XYZ	7.7007, 10.9984, 9.5016
YIQ	84.9440, -23.9300, -17.8660

Conversions

Conversions Part 2

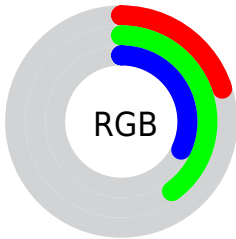
Format	Color
RYB	51, 84, 103
Decimal	3368785
CIELab	39.58, -23.20, 7.11
CIElCh	40, 24.270, 162.957
Yxy	10.9984, 0.2731, 0.3900
Android (android.graphics.Color)	4281558865 (0xFF336751)
YUV	84.9440, -1.9444, -29.7689
Hunter-Lab	33.1638, -16.5887, 6.2278

Details

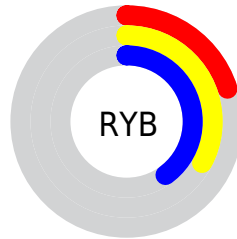
The Hex color **336751** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **673349**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **659A82**, and **003724** is the 20% darker color. If you saturate the color by 10%, you get **29674D**, and if you desaturate by 10%, it is **3D6755**.

Distribution



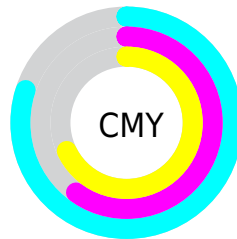
- Red (20%)
- Green (40%)
- Blue (32%)



- Red (20%)
- Yellow (33%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336751 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 336751 by changing the saturation by 10% instead.



336751



336751

FFFFFF



1A4F3A



659A82



003724



7FB59C



002210



9AD1B7



000000



B5EED3



D1FFE7



EEFFFF



336751



336751



29674D



3D6755

■ 1E6748

■ 48675A

■ 146744

■ 52675E

■ 0A6740

■ 5C6762

■ 00673B

■ 676767

■ 71676B

■ 7B6770

■ 856774

■ 906778

Harmonies

Analogous

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



4C6440



336751



176865

Triad

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



336751



4F5C84



805243

Complementary

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



336751



673349

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.



844E55



336751



6A557A

Square

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



336751



2D6283



7D4F69



745838

Rectangle

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



336751



086772



7D4F69



835049

Sweetspot

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



336751



73877F



4A6733



384540



C4C4C4



454545

Same Dimension

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



336751



358764



336467



2E3331



007342



00F28C

Inverse Universe

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



673349



873558



673633



332E30



730031



F20066

Previews

White Background



This preview shows how the Hex color 336751 looks on a white background.

Color Contrast Check

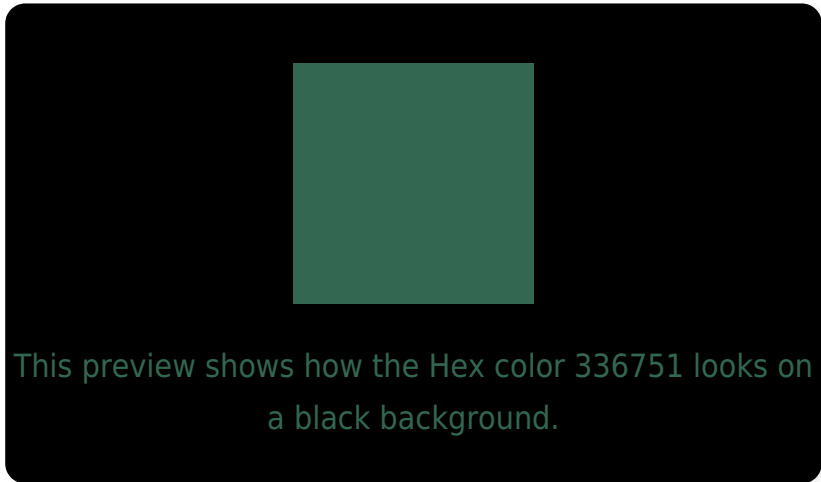
Large Text (above 18pt) WCAG AA ✓ Pass

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

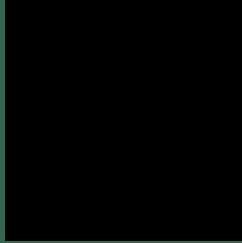
Any Text WCAG AA × Fail

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 336751 Background



This preview shows how black text looks on a background with the Hex color 336751.



This preview shows how white text looks on a background with the Hex color 336751.

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
336751

Protanopia
625D4C

Deuteranopia
695954



Tritanopia
3A636B

Trichromacy



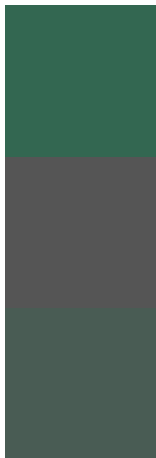
Original Color
336751

Protanomaly
51614E

Deuteranomaly
555E53

Tritanomaly
376462

Monochromacy



Original Color
336751

Achromatopsia
555555

Achromatomaly
495C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 336751 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 #336751 looks like.

```
.text, #text, p{  
  color:#336751  
}
```

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 #336751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336751
}
```

Border

The CSS property to change the border of an element to Hex 336751 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
#336751 }
```

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

```
.border{ border-color:#336751 }
```

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

Here you see how a box with a 4 pixel #336751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336751; -webkit-box-shadow:4px 4px  
4px 4px #336751; box-shadow:4px 4px 4px  
4px #336751 }
```

Background

The CSS property to change the background color of an element to Hex 336751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336751 }
```

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

```
.background{ background-color:#336751 }
```

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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