

Converting Colors

Hex(336E49)

Have a look what the booklet for
Hex(336E49) contains.

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Color

Hex(336E49)

Conversions

Conversions Part 1

Format	Color
Hex	336E49
RGB	51, 110, 73
RGB Percent	20%, 43%, 29%
CMY	0.8000, 0.5686, 0.7137
CMYK	0.54, 0.00, 0.34, 0.57
HSL	142°, 37%, 32%
HSV	142°, 54%, 43%
XYZ	8.1438, 12.3367, 8.2553
YIQ	88.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

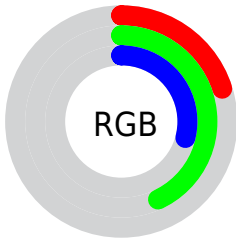
Format	Color
RYB	51, 94, 110
Decimal	3370569
CIELab	41.75, -28.48, 14.91
CIELCh	42, 32.148, 152.360
Yxy	12.3367, 0.2834, 0.4293
Android (android.graphics.Color)	4281560649 (0xFF336E49)
YUV	88.1410, -7.4645, -32.5727
Hunter-Lab	35.1236, -20.0794, 10.6513




Details

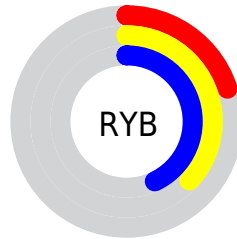
The Hex color **336E49** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E3358**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **66A27A**, and **003E1D** is the 20% darker color. If you saturate the color by 10%, you get **286E42**, and if you desaturate by 10%, it is **3E6E50**.

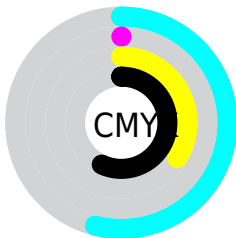
Distribution







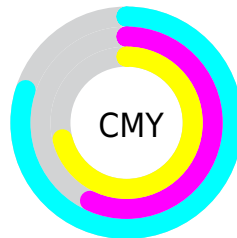
-  Red (20%)
-  Green (43%)
-  Blue (29%)






-  Red (20%)
-  Yellow (37%)
-  Blue (43%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (34%)
-  Black (57%)



-  Cyan (80%)
-  Magenta (57%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336E49 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 336E49 by changing the saturation by 10% instead.

 336E49

 336E49

FFFFFF

 185532

 66A27A

 003E1D

 80BD94

 002705

 9BD9AE

 000C00

 B7F6CA

 000000

 D3FFE6

 F0FFFF

 336E49

 336E49

 286E42

 3E6E50

■ 1D6E3B

■ 496E57

■ 126E34

■ 546E5E

■ 076E2D

■ 5F6E65

■ 006E29

■ 6A6E6B

■ 756E72

■ 806E79

■ 8B6E80

■ 966E87

Harmonies

Analogous

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



556934



336E49



007064

Triad

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



336E49



396597



935048

Complementary

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



336E49



6E3358

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.



934D61



336E49



675B8F

Square

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



336E49



006C91



85517B



865834

Rectangle

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



336E49



007076



85517B



944E50

Sweetspot

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



336E49



788F80



586E33



3A473F



C7C7C7



474747

Same Dimension

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



336E49



338F55



336E66



323835



00782D



00F75C

Inverse Universe

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



6E3358



8F336D



6E333B



383236



78004B



F7009B

Previews

White Background



This preview shows how the Hex color 336E49 looks on a white background.

Color Contrast Check

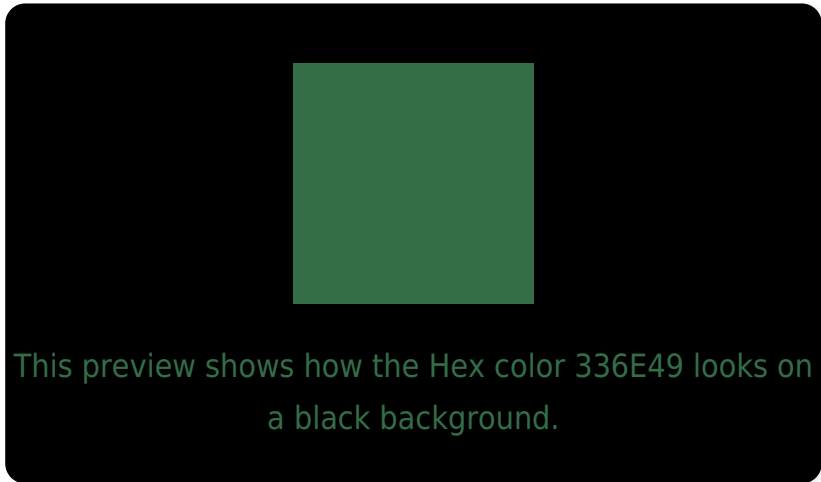
Large Text (above 18pt) WCAG AA ✓ Pass

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

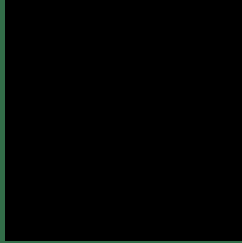
Any Text WCAG AA × Fail

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 336E49 Background



This preview shows how black text looks on a background with the Hex color 336E49.



This preview shows how white text looks on a background with the Hex color 336E49.

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
336E49

Protanopia
6A6244

Deuteranopia
735E4D



Tritanopia
3E6971

Trichromacy



Original Color
336E49

Protanomaly
566646

Deuteranomaly
5C644C

Tritanomaly
3A6B62

Monochromacy



Original Color
336E49

Achromatopsia
585858

Achromatomaly
4B6053

CSS Examples

Text

The CSS property to change the color of the text to Hex 336E49 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 #336E49 looks like.

```
.text, #text, p{  
    color:#336E49  
}
```

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 #336E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336E49
}
```

Border

The CSS property to change the border of an element to Hex 336E49 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
#336E49 }
```

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

```
.border{ border-color:#336E49 }
```

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

Here you see how a box with a 4 pixel #336E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336E49; -webkit-box-shadow:4px 4px  
4px 4px #336E49; box-shadow:4px 4px 4px  
4px #336E49 }
```

Background

The CSS property to change the background color of an element to Hex 336E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336E49 }
```

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

```
.background{ background-color:#336E49 }
```

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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