

Converting Colors

Hex(336A55)

Have a look what the booklet for
Hex(336A55) contains.

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Color

Hex(336A55)

Conversions

Conversions Part 1

Format	Color
Hex	336A55
RGB	51, 106, 85
RGB Percent	20%, 42%, 33%
CMY	0.8000, 0.5843, 0.6667
CMYK	0.52, 0.00, 0.20, 0.58
HSL	157°, 35%, 31%
HSV	157°, 52%, 42%
XYZ	8.1590, 11.6678, 10.4164
YIQ	87.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

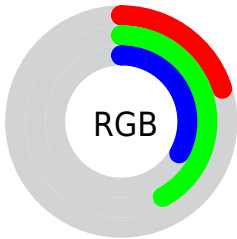
Format	Color
RYB	51, 85, 106
Decimal	3369557
CIELab	40.68, -23.76, 6.26
CIELCh	41, 24.570, 165.242
Yxy	11.6678, 0.2698, 0.3858
Android (android.graphics.Color)	4281559637 (0xFF336A55)
YUV	87.1610, -1.0654, -31.7132
Hunter-Lab	34.1581, -17.1403, 5.8304




Details

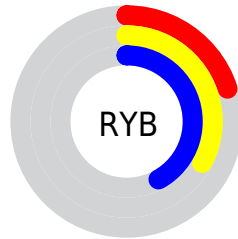
The Hex color **336A55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3348**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **669E87**, and **003A28** is the 20% darker color. If you saturate the color by 10%, you get **286A51**, and if you desaturate by 10%, it is **3E6A59**.

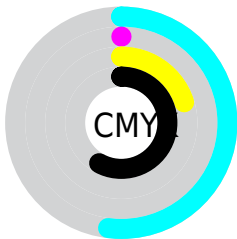
Distribution







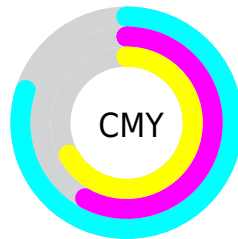
-  Red (20%)
-  Green (42%)
-  Blue (33%)






-  Red (20%)
-  Yellow (33%)
-  Blue (42%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (58%)



-  Cyan (80%)
-  Magenta (58%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336A55 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 336A55 by changing the saturation by 10% instead.

 336A55

 336A55

FFFFFF

 19523E

 669E87

 003A28

 80B9A1

 002414

 9AD5BC

 000500

 B6F1D8

 000000

 D2FFF4

 EFFFFFF

 336A55

 336A55

 286A51

 3E6A59

■ 1E6A4D

■ 486A5D

■ 136A49

■ 536A61

■ 096A45

■ 5D6A65

■ 006A42

■ 686A69

■ 736A6D

■ 7D6A71

■ 886A75

■ 926A79

Harmonies

Analogous

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



4C6743



336A55



176B6A

Triad

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



336A55



545E87



835544

Complementary

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



336A55



6A3348

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.



875156



336A55



6F577C

Square

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



336A55



326586



81516B



765B39

Rectangle

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



336A55



0B6A76



81516B



85534A

Sweetspot

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



336A55



748A81



486A33



384540



C4C4C4



454545

Same Dimension

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



336A55



348A69



33646A



303634



007549



00F597

Inverse Universe

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



6A3348



8A3455



6A3933



363032



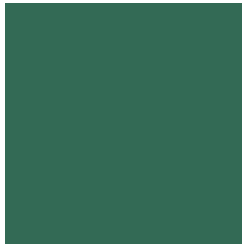
75002D



F5005D

Previews

White Background



This preview shows how the Hex color 336A55 looks on a white background.

Color Contrast Check

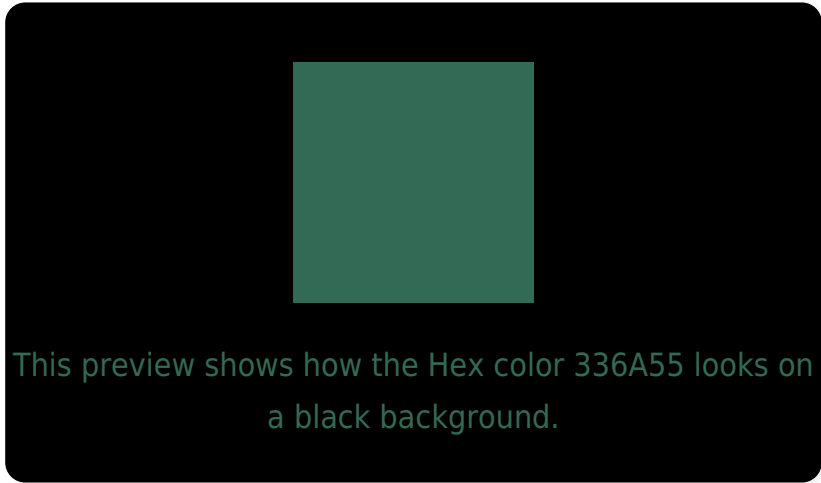
Large Text (above 18pt) WCAG AA ✓ Pass

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

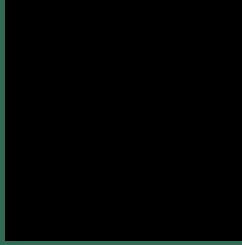
Any Text WCAG AA × Fail

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 336A55 Background



This preview shows how black text looks on a background with the Hex color 336A55.



This preview shows how white text looks on a background with the Hex color 336A55.

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
336A55

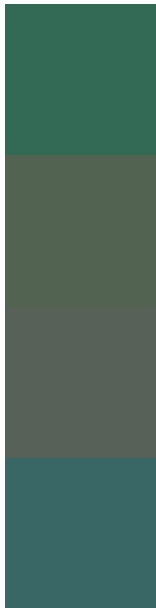
Protanopia
655F50

Deuteranopia
6B5C58



Tritanopia
3B666F

Trichromacy



Original Color
336A55

Protanomaly
536352

Deuteranomaly
576157

Tritanomaly
386766

Monochromacy



Original Color
336A55

Achromatopsia
575757

Achromatomaly
4A5E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 336A55 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 #336A55 looks like.

```
.text, #text, p{  
    color:#336A55  
}
```

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 #336A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336A55  
}
```

Border

The CSS property to change the border of an element to Hex 336A55 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  
#336A55 }
```

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

```
.border{ border-color:#336A55 }
```

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

Here you see how a box with a 4 pixel #336A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336A55; -webkit-box-shadow:4px 4px  
4px 4px #336A55; box-shadow:4px 4px 4px  
4px #336A55 }
```

Background

The CSS property to change the background color of an element to Hex 336A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336A55 }
```

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

```
.background{ background-color:#336A55 }
```

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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