

Converting Colors

Hex(346D52)

Have a look what the booklet for
Hex(346D52) contains.

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Color

Hex(346D52)

Conversions

Conversions Part 1

Format	Color
Hex	346D52
RGB	52, 109, 82
RGB Percent	20%, 43%, 32%
CMY	0.7961, 0.5725, 0.6784
CMYK	0.52, 0.00, 0.25, 0.57
HSL	152°, 35%, 32%
HSV	152°, 52%, 43%
XYZ	8.4078, 12.2765, 9.9091
YIQ	88.8790, -25.3050, -20.4810

Conversions

Conversions Part 2

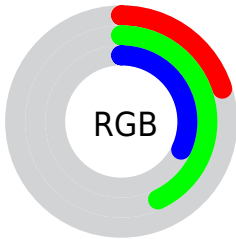
Format	Color
RYB	52, 89, 109
Decimal	3435858
CIELab	41.65, -25.72, 9.44
CIELCh	42, 27.395, 159.844
Yxy	12.2765, 0.2748, 0.4013
Android (android.graphics.Color)	4281625938 (0xFF346D52)
YUV	88.8790, -3.3913, -32.3429
Hunter-Lab	35.0379, -18.4829, 7.7586

Details

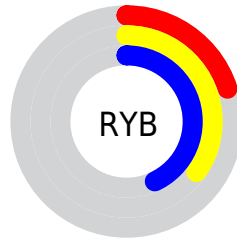
The Hex color **346D52** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D344F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **67A183**, and **003D25** is the 20% darker color. If you saturate the color by 10%, you get **296D4D**, and if you desaturate by 10%, it is **3F6D57**.

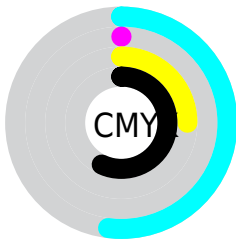
Distribution



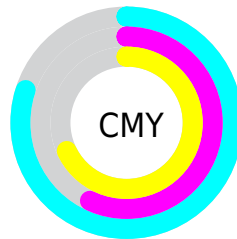
- Red (20%)
- Green (43%)
- Blue (32%)



- Red (20%)
- Yellow (35%)
- Blue (43%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (57%)



- Cyan (80%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346D52 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 346D52 by changing the saturation by 10% instead.



346D52



346D52

FFFFFF



1A543B



67A183



003D25



81BC9E



002711



9CD8B8



000B00



B7F5D4



000000



D3FFF0



F0FFFF



346D52



346D52



296D4D



3F6D57

■ 1E6D48

■ 4A6D5C

■ 136D43

■ 556D61

■ 086D3D

■ 606D67

■ 006D39

■ 6B6D6C

■ 756D71

■ 806D76

■ 8B6D7B

■ 966D80

Harmonies

Analogous

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



51693F



346D52



086E69

Triad

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



346D52



4D628E



8B5447

Complementary

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



346D52



6D344F

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.



8E505C



346D52



6E5A85

Square

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



346D52



21698C



845372



7E5C38

Rectangle

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



346D52



006E78



845372



8D524D

Sweetspot

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



346D52



788F84



506D34



3A4741



C7C7C7



474747

Same Dimension

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



346D52



358F64



346C6D



303633



00753E



00F581

Inverse Universe

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



6D344F



8F355F



6D3534



363033



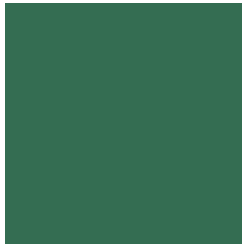
750038



F50074

Previews

White Background



This preview shows how the Hex color 346D52 looks on a white background.

Color Contrast Check

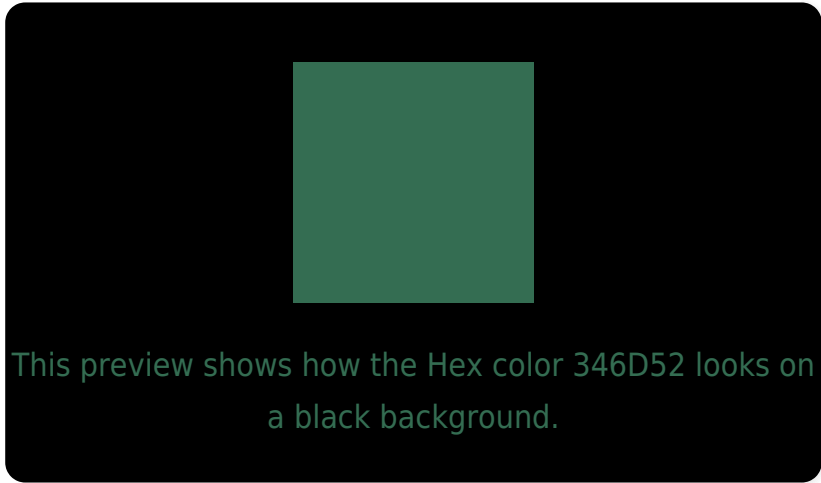
Large Text (above 18pt) WCAG AA ✓ Pass

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

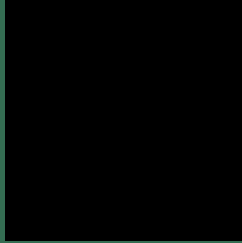
Any Text WCAG AA × Fail

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 346D52 Background



This preview shows how black text looks on a background with the Hex color 346D52.



This preview shows how white text looks on a background with the Hex color 346D52.

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
346D52

Protanopia
68624D

Deuteranopia
705E55



Tritanopia
3D6971

Trichromacy



Original Color
346D52

Protanomaly
55664F

Deuteranomaly
5A6354

Tritanomaly
3A6A66

Monochromacy



Original Color
346D52

Achromatopsia
595959

Achromatomaly
4C6056

CSS Examples

Text

The CSS property to change the color of the text to Hex 346D52 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 #346D52 looks like.

```
.text, #text, p{  
    color:#346D52  
}
```

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 #346D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346D52
}
```

Border

The CSS property to change the border of an element to Hex 346D52 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".

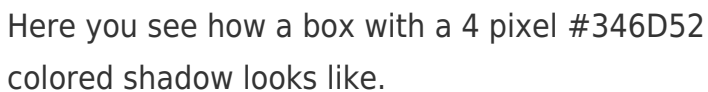
```
.border, #border, table{ border:4px solid
#346D52 }
```

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

```
.border{ border-color:#346D52 }
```

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

Here you see how a box with a 4 pixel #346D52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346D52; -webkit-box-shadow:4px 4px  
4px 4px #346D52; box-shadow:4px 4px 4px  
4px #346D52 }
```

Background

The CSS property to change the background color of an element to Hex 346D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346D52 }
```

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

```
.background{ background-color:#346D52 }
```

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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