

Converting Colors

Hex(306A27)

Have a look what the booklet for
Hex(306A27) contains.

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Color

Hex(306A27)

Conversions

Conversions Part 1

Format	Color
Hex	306A27
RGB	48, 106, 39
RGB Percent	19%, 42%, 15%
CMY	0.8118, 0.5843, 0.8471
CMYK	0.55, 0.00, 0.63, 0.58
HSL	112°, 46%, 28%
HSV	112°, 63%, 42%
XYZ	6.7392, 11.0829, 3.7035
YIQ	81.0200, -13.0610, -33.1330

Conversions

Conversions Part 2

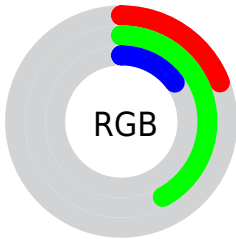
Format	Color
R_{YB}	39, 106, 97
Decimal	3172903
CIE _{Lab}	39.72, -33.22, 31.27
CIE _{LCh}	40, 45.624, 136.738
Yxy	11.0829, 0.3131, 0.5149
Android (android.graphics.Color)	4281362983 (0xFF306A27)
YUV	81.0200, -20.7159, -28.9585
Hunter-Lab	33.2910, -22.1252, 16.7080

Details

The Hex color **306A27** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61276A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **649E57**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **276A1C**, and if you desaturate by 10%, it is **396A32**.

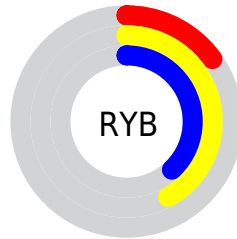
Distribution



Red (19%)

Green (42%)

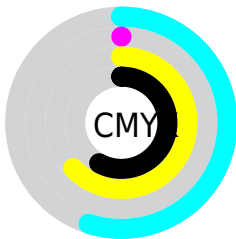
Blue (15%)



Red (15%)

Yellow (42%)

Blue (38%)

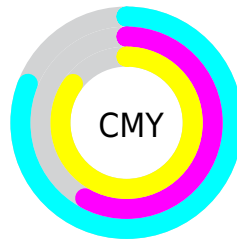


Cyan (55%)

Magenta (0%)

Yellow (63%)

Black (58%)



Cyan (81%)

Magenta (58%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306A27 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 306A27 by changing the saturation by 10% instead.

 306A27

 306A27

FFFFFF

 14510F

 649E57

 003A00

 7EB970

 002500

 99D58A

 000000

 B5F2A4

 D1FFC0

 EEFFDC

 FFFFF9

 306A27

 306A27

■ 276A1C

■ 396A32

■ 1E6A12

■ 426A3C

■ 146A07

■ 4C6A47

■ 0E6A00

■ 556A51

■ 5E6A5C

■ 676A67

■ 706A71

■ 796A7C

■ 836A86

Harmonies

Analogous

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



5C620A



306A27



006E4B

Triad

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



306A27



0067A6



A13A4A

Complementary

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



306A27



61276A

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.



983C70



306A27



3C5BA5

Square

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



306A27



006D93



7A4A91



964628

Rectangle

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



306A27



006F65



7A4A91



A03957

Sweetspot

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



306A27



738A70



6A6027



374535



C4C4C4



454545

Same Dimension

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



306A27



2F8A21



276A3E



313630



107500



21F500

Inverse Universe

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



61276A



7C218A



6A2753



353036



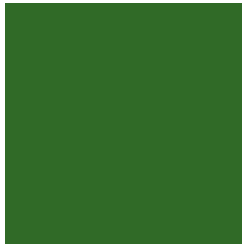
660075



D400F5

Previews

White Background



This preview shows how the Hex color 306A27 looks on a white background.

Color Contrast Check

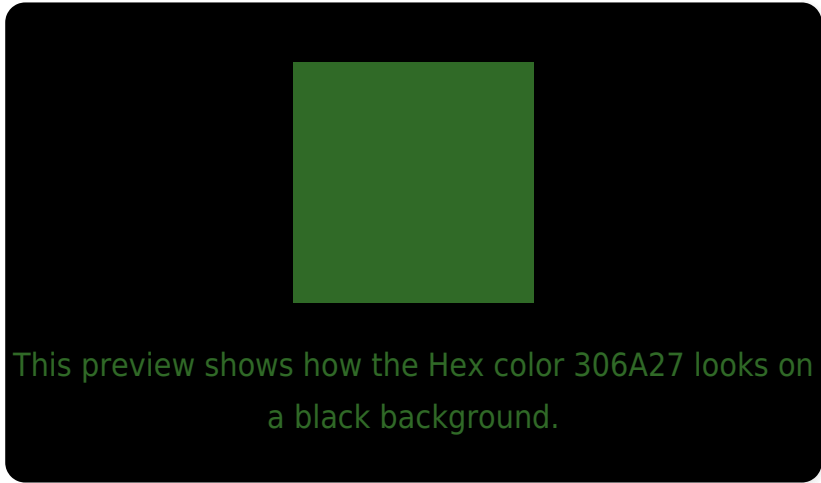
Large Text (above 18pt) WCAG AA ✓ Pass

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

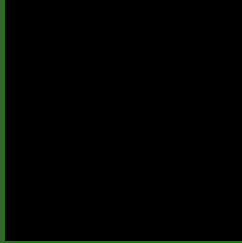
Any Text WCAG AA × Fail

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 306A27 Background



This preview shows how black text looks on a background with the Hex color 306A27.



This preview shows how white text looks on a background with the Hex color 306A27.

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
306A27

Protanopia
685D23

Deuteranopia
73592C



Tritanopia
3E636B

Trichromacy



Original Color
306A27

Protanomaly
546224

Deuteranomaly
5B5F2A

Tritanomaly
396652

Monochromacy



Original Color
306A27

Achromatopsia
515151

Achromatomaly
455A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 306A27 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 #306A27 looks like.

```
.text, #text, p{  
    color:#306A27  
}
```

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 #306A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306A27
}
```

Border

The CSS property to change the border of an element to Hex 306A27 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
#306A27 }
```

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

```
.border{ border-color:#306A27 }
```

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

Here you see how a box with a 4 pixel #306A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306A27; -webkit-box-shadow:4px 4px  
4px 4px #306A27; box-shadow:4px 4px 4px  
4px #306A27 }
```

Background

The CSS property to change the background color of an element to Hex 306A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306A27 }
```

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

```
.background{ background-color:#306A27 }
```

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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