

# Converting Colors

Hex(306F25)

Have a look what the booklet for  
Hex(306F25) contains.

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**Color**

**Hex(306F25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	306F25
RGB	48, 111, 37
RGB Percent	19%, 44%, 15%
CMY	0.8118, 0.5647, 0.8549
CMYK	0.57, 0.00, 0.67, 0.56
HSL	111°, 50%, 29%
HSV	111°, 67%, 44%
XYZ	7.2373, 12.1308, 3.7103
YIQ	83.7270, -13.7940, -36.3700

# Conversions

## Conversions Part 2

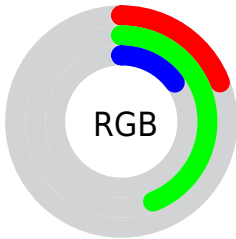
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 111, 100
Decimal	3174181
CIELab	41.42, -35.59, 34.17
CIELCh	41, 49.334, 136.169
Yxy	12.1308, 0.3136, 0.5256
Android (android.graphics.Color)	4281364261 (0xFF306F25)
YUV	83.7270, -23.0364, -31.3326
Hunter-Lab	34.8293, -23.8603, 18.0645

# Details

The Hex color **306F25** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **64256F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **65A355**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **276F1A**, and if you desaturate by 10%, it is **396F30**.

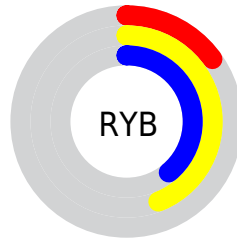
# Distribution



Red (19%)

Green (44%)

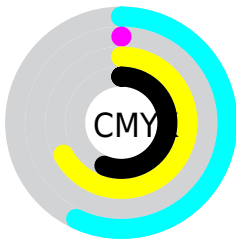
Blue (15%)



Red (15%)

Yellow (44%)

Blue (39%)

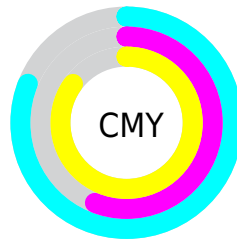


Cyan (57%)

Magenta (0%)

Yellow (67%)

Black (56%)



Cyan (81%)

Magenta (56%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 306F25 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 306F25 by changing the saturation by 10% instead.





306F25



306F25

FFFFFF



12560C



65A355



003E00



7FBF6E



002800



9BDB88



000A00



B6F7A3



000000



D3FFBF



F0FFDB



FFFFFF7



306F25



306F25

■ 276F1A

■ 396F30

■ 1D6F0F

■ 436F3B

■ 146F04

■ 4C6F46

■ 116F00

■ 566F51

■ 5F6F5D

■ 696F68

■ 726F73

■ 7C6F7E

■ 856F89

# Harmonies

## Analogous

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



616602



306F25



00734D

# Triad

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



306F25



006CB1



AA3A4E

# Complementary

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



306F25



64256F

# 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.



A13C76



306F25



385FB0

# Square

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



306F25



00729C



7F4D9A



9F4828

# Rectangle

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



306F25



007569



7F4D9A



AA385B



# Sweetspot

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



306F25



799174



6F6425



3B4A38



C9C9C9



4A4A4A



# Same Dimension

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



306F25



2E911D



256F3F



333832



127800



25F700



# Inverse Universe

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



64256F



801D91



6F2555



373238



660078



D300F7



# Previews

## White Background



This preview shows how the Hex color 306F25 looks on a white background.

## Color Contrast Check

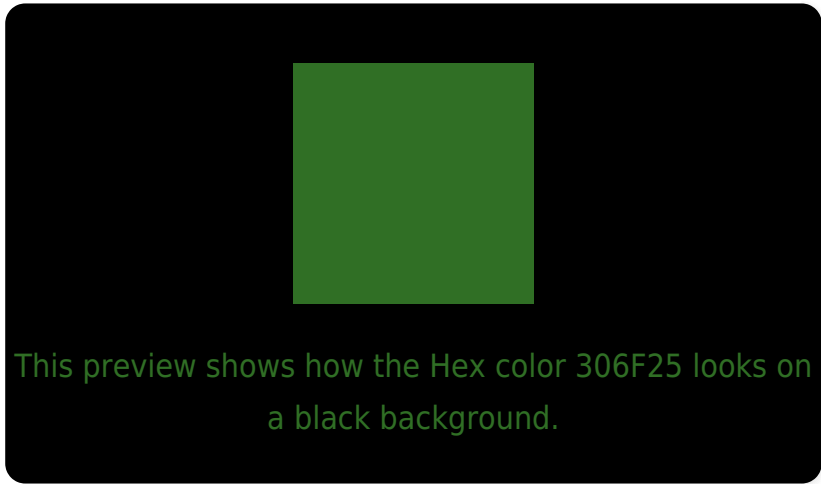
Large Text (above 18pt) WCAG AA ✓ Pass

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 306F25 Background



This preview shows how black text looks on a background with the Hex color 306F25.



This preview shows how white text looks on a background with the Hex color 306F25.

# 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**  
306F25

**Protanopia**  
6D6121

**Deuteranopia**  
785D2B



**Tritanopia**  
406870

# Trichromacy



**Original Color**  
306F25

**Protanomaly**  
576622

**Deuteranomaly**  
5E6429

**Tritanomaly**  
3A6B55

# Monochromacy



**Original Color**  
306F25

**Achromatopsia**  
545454

**Achromatomaly**  
475E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 306F25 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 #306F25 looks like.

```
.text, #text, p{  
    color:#306F25  
}
```

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 #306F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306F25
}
```

## Border

The CSS property to change the border of an element to Hex 306F25 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
#306F25 }
```

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

```
.border{ border-color:#306F25 }
```

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

Here you see how a box with a 4 pixel #306F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306F25; -webkit-box-shadow:4px 4px  
4px 4px #306F25; box-shadow:4px 4px 4px  
4px #306F25 }
```

# Background

The CSS property to change the background color of an element to Hex 306F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306F25 }
```

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

```
.background{ background-color:#306F25 }
```

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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