

Converting Colors

Hex(306531)

Have a look what the booklet for
Hex(306531) contains.

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Color

Hex(306531)

Conversions

Conversions Part 1

Format	Color
Hex	306531
RGB	48, 101, 49
RGB Percent	19%, 40%, 19%
CMY	0.8118, 0.6039, 0.8078
CMYK	0.52, 0.00, 0.51, 0.60
HSL	121°, 36%, 29%
HSV	121°, 52%, 40%
XYZ	6.4270, 10.1575, 4.5276
YIQ	79.2250, -14.8960, -27.4080

Conversions

Conversions Part 2

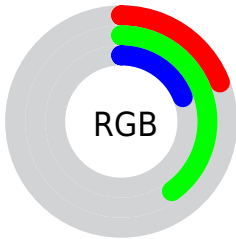
Format	Color
R_{YB}	48, 100, 101
Decimal	3171633
CIE _{Lab}	38.12, -29.59, 24.03
CIE _{LCh}	38, 38.117, 140.924
Yxy	10.1575, 0.3044, 0.4811
Android (android.graphics.Color)	4281361713 (0xFF306531)
YUV	79.2250, -14.9009, -27.3843
Hunter-Lab	31.8708, -19.7781, 13.8868

Details

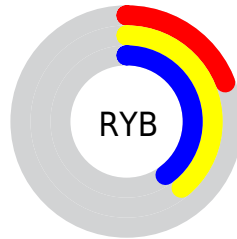
The Hex color **306531** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **653064**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **639860**, and **003503** is the 20% darker color. If you saturate the color by 10%, you get **266527**, and if you desaturate by 10%, it is **3A653B**.

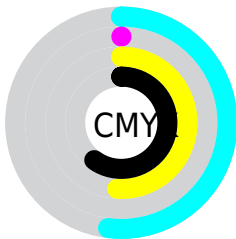
Distribution



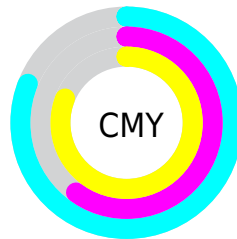
- Red (19%)
- Green (40%)
- Blue (19%)



- Red (19%)
- Yellow (39%)
- Blue (40%)



- Cyan (52%)
- Magenta (0%)
- Yellow (51%)
- Black (60%)



- Cyan (81%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306531 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 306531 by changing the saturation by 10% instead.

 306531

 306531

FFFFFF

 164D1B

 639860

 003503

 7DB379

 002100

 97CF93

 000000

 B3ECAE

 CFFFC A

 EBF FE6

 306531

 306531

 266527

 3A653B

■ 1C651D

■ 446545

■ 126513

■ 4E654F

■ 086509

■ 586559

■ 006502

■ 636563

■ 6D656C

■ 776576

■ 816580

■ 8B658A

Harmonies

Analogous

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



565F1C



306531



00684F

Triad

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



306531



006097



923F45

Complementary

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



306531



653064

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.



8D3F64



306531



4A5593

Square

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



306531



006689



764981



88492B

Rectangle

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



306531



006964



764981



923E50

Sweetspot

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



306531



6D826E



646530



364236



C2C2C2



424242

Same Dimension

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



306531



308232



30654B



2E332E



007302



00F205

Inverse Universe

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



653064



823081



65304A



332E33



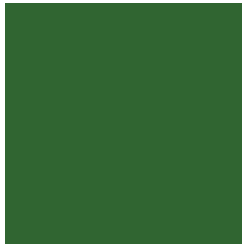
730071



F200EE

Previews

White Background



This preview shows how the Hex color 306531 looks on a white background.

Color Contrast Check

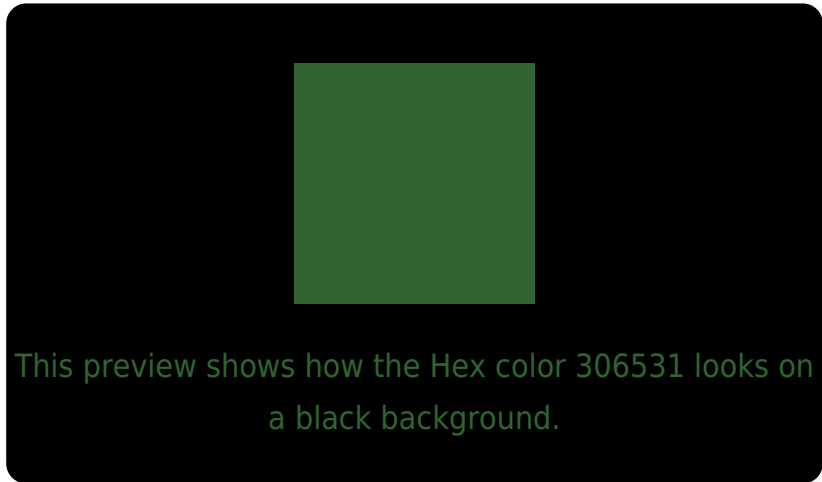
Large Text (above 18pt) WCAG AA ✓ Pass

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

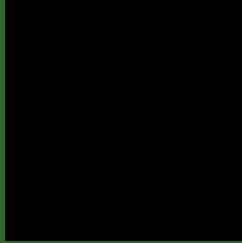
Any Text WCAG AA × Fail

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 306531 Background



This preview shows how black text looks on a background with the Hex color 306531.



This preview shows how white text looks on a background with the Hex color 306531.

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
306531

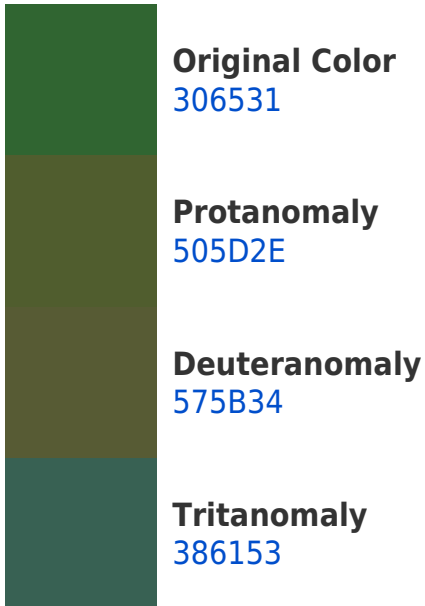
Protanopia
63592D

Deuteranopia
6D5535

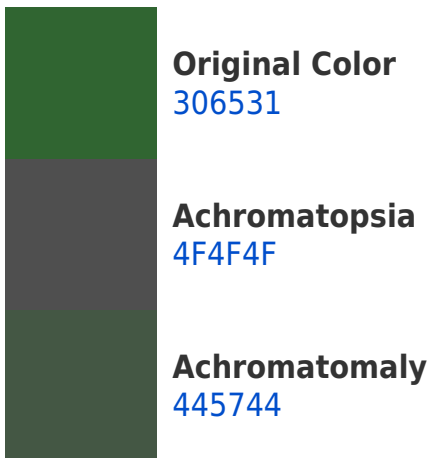


Tritanopia
3C5F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 306531 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 #306531 looks like.

```
.text, #text, p{  
    color:#306531  
}
```

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 #306531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306531
}
```

Border

The CSS property to change the border of an element to Hex 306531 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
#306531 }
```

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

```
.border{ border-color:#306531 }
```

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

Here you see how a box with a 4 pixel #306531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306531; -webkit-box-shadow:4px 4px  
4px 4px #306531; box-shadow:4px 4px 4px  
4px #306531 }
```

Background

The CSS property to change the background color of an element to Hex 306531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306531 }
```

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

```
.background{ background-color:#306531 }
```

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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