

Converting Colors

Hex(306030)

Have a look what the booklet for
Hex(306030) contains.

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Color

Hex(306030)

Conversions

Conversions Part 1

Format	Color
Hex	306030
RGB	48, 96, 48
RGB Percent	19%, 38%, 19%
CMY	0.8118, 0.6235, 0.8118
CMYK	0.50, 0.00, 0.50, 0.62
HSL	120°, 33%, 28%
HSV	120°, 50%, 38%
XYZ	5.9353, 9.2075, 4.2607
YIQ	76.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

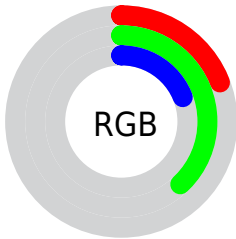
Format	Color
RYB	48, 96, 96
Decimal	3170352
CIELab	36.38, -27.41, 22.41
CIELCh	36, 35.407, 140.731
Yxy	9.2075, 0.3059, 0.4745
Android (android.graphics.Color)	4281360432 (0xFF306030)
YUV	76.1760, -13.8908, -24.7104
Hunter-Lab	30.3439, -18.1870, 12.9156




Details

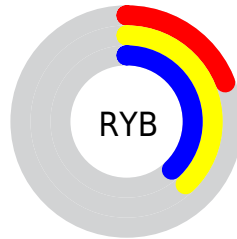
The Hex color **306030** is a dark color, and the websafe version is hex **336633**, and the color name is **mughal green**. A complement of this color would be **603060**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **62935F**, and **003102** is the 20% darker color. If you saturate the color by 10%, you get **266026**, and if you desaturate by 10%, it is **3A603A**.

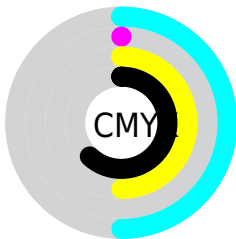
Distribution







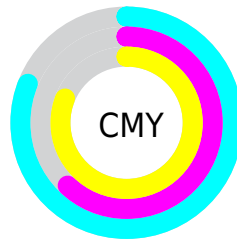
-  Red (19%)
-  Green (38%)
-  Blue (19%)






-  Red (19%)
-  Yellow (38%)
-  Blue (38%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (62%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306030 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 306030 by changing the saturation by 10% instead.

 306030

 306030

FFFFFF

 17481A

 62935F

 003102

 7CAE78

 001E00

 96C992

 000000

 B1E6AD

 CDFFC8

 EAFFE4

 306030

 306030

 266026

 3A603A

■ 1D601D

■ 436043

■ 136013

■ 4D604D

■ 0A600A

■ 566056

■ 006000

■ 606060

■ 6A606A

■ 736073

■ 7D607D

■ 866086

Harmonies

Analogous

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



525A1D



306030



00634B

Triad

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



306030



005B8E



8A3E43

Complementary

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



306030



603060

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.



853D60



306030



48528B

Square

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



306030



006181



70467A



81462A

Rectangle

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



306030



00645F



70467A



8A3C4C

Sweetspot

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



306030



6A7D6A



606030



344034



BFBFBF



404040

Same Dimension

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



306030



327D32



306048



2C302C



007000



00F000

Inverse Universe

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



603060



7D327D



603048



302C30



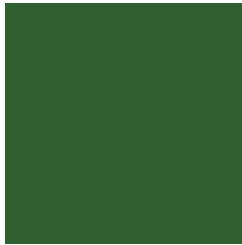
700070



F000F0

Previews

White Background



This preview shows how the Hex color 306030 looks on a white background.

Color Contrast Check

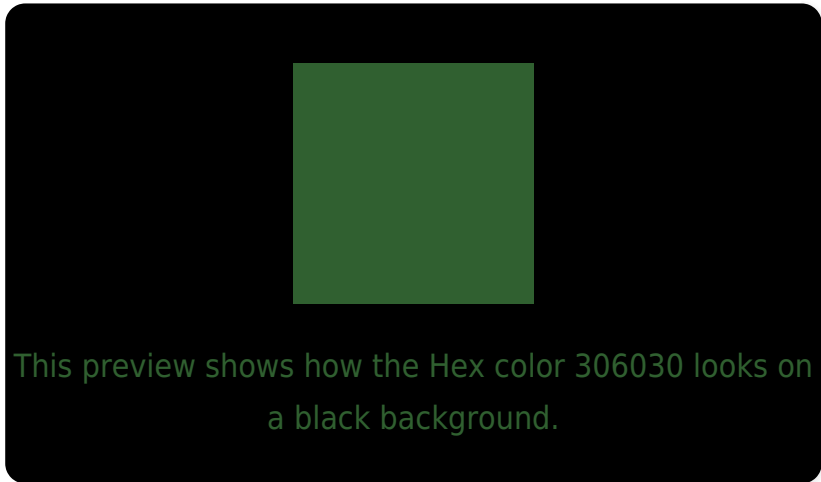
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

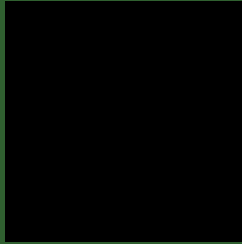
Any Text WCAG AA × Fail

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 306030 Background



This preview shows how black text looks on a background with the Hex color 306030.



This preview shows how white text looks on a background with the Hex color 306030.

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
306030

Protanopia
5E552C

Deuteranopia
675134



Tritanopia
3B5B62

Trichromacy



Original Color
306030

Protanomaly
4D592D

Deuteranomaly
535633

Tritanomaly
375D50

Monochromacy



Original Color
306030

Achromatopsia
4C4C4C

Achromatomaly
425342

CSS Examples

Text

The CSS property to change the color of the text to Hex 306030 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 #306030 looks like.

```
.text, #text, p{  
    color:#306030  
}
```

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 #306030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306030
}
```

Border

The CSS property to change the border of an element to Hex 306030 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
#306030 }
```

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

```
.border{ border-color:#306030 }
```

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

Here you see how a box with a 4 pixel #306030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306030; -webkit-box-shadow:4px 4px  
4px 4px #306030; box-shadow:4px 4px 4px  
4px #306030 }
```

Background

The CSS property to change the background color of an element to Hex 306030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306030 }
```

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

```
.background{ background-color:#306030 }
```

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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