

Converting Colors

Hex(306A0B)

Have a look what the booklet for
Hex(306A0B) contains.

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Color

Hex(306A0B)

Conversions

Conversions Part 1

Format	Color
Hex	306A0B
RGB	48, 106, 11
RGB Percent	19%, 42%, 4%
CMY	0.8118, 0.5843, 0.9569
CMYK	0.55, 0.00, 0.90, 0.58
HSL	97°, 81%, 23%
HSV	97°, 90%, 42%
XYZ	6.4334, 10.9606, 2.0931
YIQ	77.8280, -4.0730, -41.8410

Conversions

Conversions Part 2

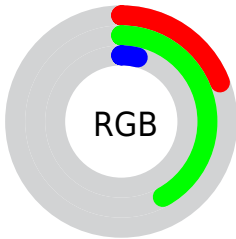
Format	Color
RYB	11, 106, 69
Decimal	3172875
CIELab	39.51, -35.52, 42.14
CIELCh	40, 55.109, 130.127
Yxy	10.9606, 0.3301, 0.5625
Android (android.graphics.Color)	4281362955 (0xFF306A0B)
YUV	77.8280, -32.9462, -26.1592
Hunter-Lab	33.1068, -23.2505, 19.4262

Details

The Hex color **306A0B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **450B6A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **659E41**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **2A6A00**, and if you desaturate by 10%, it is **366A16**.

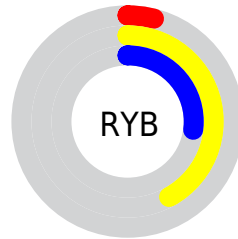
Distribution



Red (19%)

Green (42%)

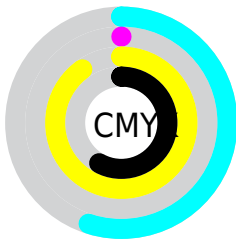
Blue (4%)



Red (4%)

Yellow (42%)

Blue (27%)

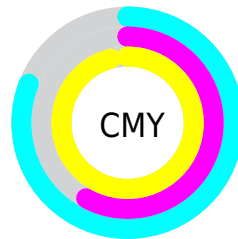


Cyan (55%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (81%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306A0B 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 306A0B by changing the saturation by 10% instead.



306A0B



306A0B

FFFFFFE



135100



659E41



003A00



80B95A



002500



9BD574



000000



B7F28E



D4FFA9



F1FFC5



FFFFFFE1



306A0B



306A0B

■ 2A6A00

■ 366A16

■ 296A00

■ 3D6A20

■ 436A2B

■ 4A6A35

■ 506A40

■ 576A4B

■ 5D6A55

■ 646A60

■ 6A6A6A

Harmonies

Analogous

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



636000



306A0B



006F3D

Triad

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



306A0B



006AB2



AC2A50

Complementary

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



306A0B



450B6A

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.



9D327D



306A0B



005EB6

Square

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



306A0B



007096



7149A2



A33A25

Rectangle

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



306A0B



00715C



7149A2



AA295F

Sweetspot

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



306A0B



738A65



6A440B



37452F



C4C4C4



454545

Same Dimension

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



306A0B



368A00



0B6A14



323630



2E7500



5FF500

Inverse Universe

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



450B6A



54008A



6A0B61



333036



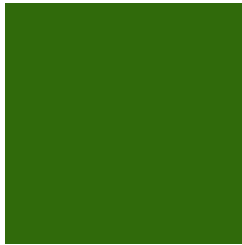
480075



9500F5

Previews

White Background



This preview shows how the Hex color 306A0B looks on a white background.

Color Contrast Check

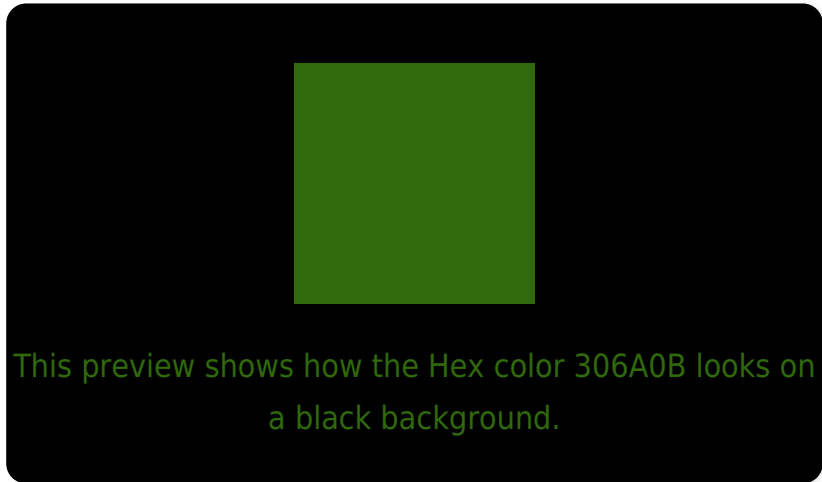
Large Text (above 18pt) WCAG AA ✓ Pass

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 306A0B Background



This preview shows how black text looks on a background with the Hex color 306A0B.



This preview shows how white text looks on a background with the Hex color 306A0B.

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
306A0B

Protanopia
695D05

Deuteranopia
755818



Tritanopia
3F636B

Trichromacy



Original Color
306A0B

Protanomaly
546207

Deuteranomaly
5C5F13

Tritanomaly
3A6648

Monochromacy



Original Color
306A0B

Achromatopsia
4E4E4E

Achromatomaly
435836

CSS Examples

Text

The CSS property to change the color of the text to Hex 306A0B 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 #306A0B looks like.

```
.text, #text, p{  
    color:#306A0B  
}
```

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 #306A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306A0B
}
```

Border

The CSS property to change the border of an element to Hex 306A0B 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
#306A0B }
```

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

```
.border{ border-color:#306A0B }
```

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

Here you see how a box with a 4 pixel #306A0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306A0B; -webkit-box-shadow:4px 4px  
4px 4px #306A0B; box-shadow:4px 4px 4px  
4px #306A0B }
```

Background

The CSS property to change the background color of an element to Hex 306A0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306A0B }
```

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

```
.background{ background-color:#306A0B }
```

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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