

Converting Colors

Hex(2B6A0B)

Have a look what the booklet for
Hex(2B6A0B) contains.

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Color

Hex(2B6A0B)

Conversions

Conversions Part 1

Format	Color
Hex	2B6A0B
RGB	43, 106, 11
RGB Percent	17%, 42%, 4%
CMY	0.8314, 0.5843, 0.9569
CMYK	0.59, 0.00, 0.90, 0.58
HSL	100°, 81%, 23%
HSV	100°, 90%, 42%
XYZ	6.2107, 10.8458, 2.0827
YIQ	76.3330, -7.0530, -42.9010

Conversions

Conversions Part 2

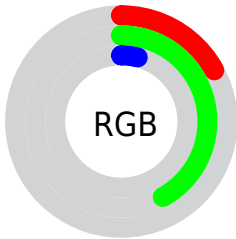
Format	Color
RYB	11, 106, 74
Decimal	2845195
CIELab	39.32, -37.06, 41.89
CIELCh	39, 55.929, 131.496
Yxy	10.8458, 0.3245, 0.5667
Android (android.graphics.Color)	4281035275 (0xFF2B6A0B)
YUV	76.3330, -32.2092, -29.2330
Hunter-Lab	32.9330, -23.9702, 19.3035

Details

The Hex color **2B6A0B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4A0B6A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **619E41**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **246A00**, and if you desaturate by 10%, it is **326A16**.

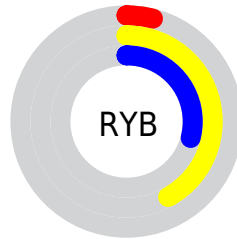
Distribution



Red (17%)

Green (42%)

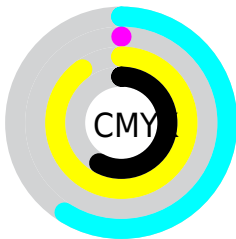
Blue (4%)



Red (4%)

Yellow (42%)

Blue (29%)

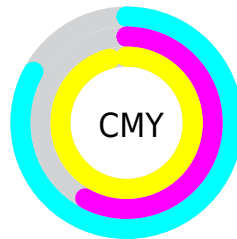


Cyan (59%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (83%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6A0B 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 2B6A0B by changing the saturation by 10% instead.

 2B6A0B

 2B6A0B

FFFFFFE

 0A5100

 619E41

 003A00

 7CB95A

 002500

 97D574

 000000

 B3F28E

 CFFFA9

 ECFFC5

 FFFFE1

 2B6A0B

 2B6A0B

■ 246A00

■ 326A16

■ 396A20

■ 406A2B

■ 476A35

■ 4E6A40

■ 556A4B

■ 5C6A55

■ 636A60

■ 6A6A6A

Harmonies

Analogous

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



606000



2B6A0B



006F3E

Triad

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



2B6A0B



006AB3



AC284D

Complementary

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



2B6A0B



4A0B6A

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.



9F307B



2B6A0B



005CB7

Square

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



2B6A0B



007098



7348A1



A23A22

Rectangle

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



2B6A0B



00715E



7348A1



AB275C

Sweetspot

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



2B6A0B



718A65



6A490B



36452F



C4C4C4



454545

Same Dimension

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



2B6A0B



2E8A00



0B6A19



323630



287500



52F500

Inverse Universe

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



4A0B6A



5B008A



6A0B5C



343036



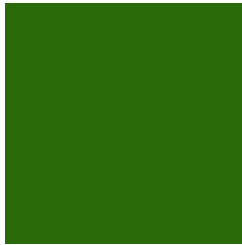
4E0075



A200F5

Previews

White Background



This preview shows how the Hex color 2B6A0B looks on a white background.

Color Contrast Check

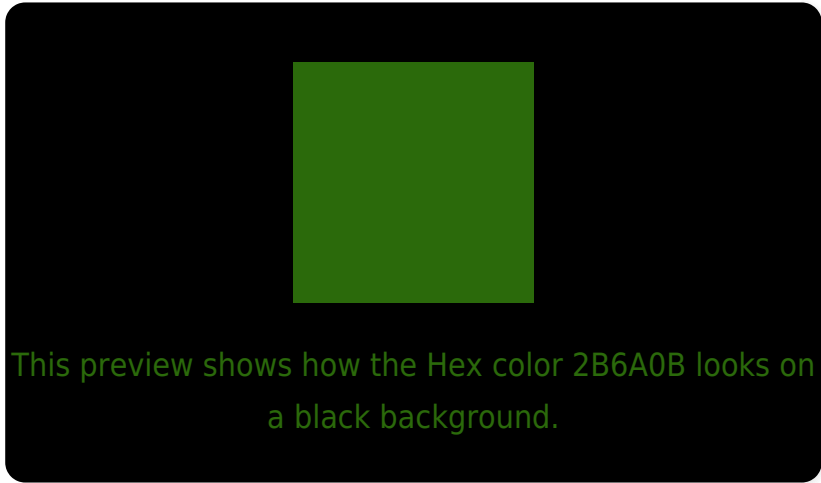
Large Text (above 18pt) WCAG AA ✓ Pass

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

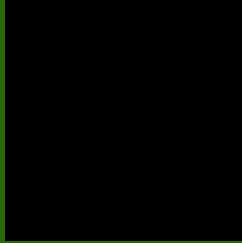
Any Text WCAG AA × Fail

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 2B6A0B Background



This preview shows how black text looks on a background with the Hex color 2B6A0B.



This preview shows how white text looks on a background with the Hex color 2B6A0B.

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
2B6A0B

Protanopia
685D04

Deuteranopia
745818



Tritanopia
3C636B

Trichromacy



Original Color
2B6A0B

Protanomaly
526207

Deuteranomaly
595F13

Tritanomaly
366648

Monochromacy



Original Color
2B6A0B

Achromatopsia
4C4C4C

Achromatomaly
405734

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6A0B 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 #2B6A0B looks like.

```
.text, #text, p{  
    color:#2B6A0B  
}
```

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 #2B6A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6A0B
}
```

Border

The CSS property to change the border of an element to Hex 2B6A0B 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".

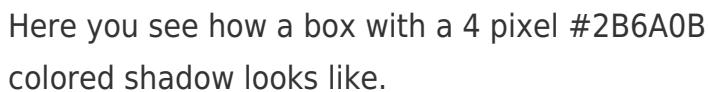
```
.border, #border, table{ border:4px solid
#2B6A0B }
```

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

```
.border{ border-color:#2B6A0B }
```

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

Here you see how a box with a 4 pixel #2B6A0B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6A0B; -webkit-box-shadow:4px 4px  
4px 4px #2B6A0B; box-shadow:4px 4px 4px  
4px #2B6A0B }
```

Background

The CSS property to change the background color of an element to Hex 2B6A0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6A0B }
```

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

```
.background{ background-color:#2B6A0B }
```

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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