

Converting Colors

Hex(2B8706)

Have a look what the booklet for
Hex(2B8706) contains.

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Color

Hex(2B8706)

Conversions

Conversions Part 1

Format	Color
Hex	2B8706
RGB	43, 135, 6
RGB Percent	17%, 53%, 2%
CMY	0.8314, 0.4706, 0.9765
CMYK	0.68, 0.00, 0.96, 0.47
HSL	103°, 91%, 28%
HSV	103°, 96%, 53%
XYZ	9.6931, 17.8547, 3.1077
YIQ	92.7860, -13.4230, -59.6230

Conversions

Conversions Part 2

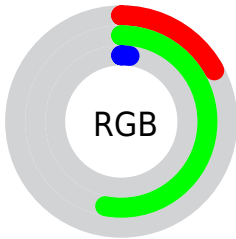
Format	Color
RYB	6, 135, 98
Decimal	2852614
CIELab	49.32, -47.95, 51.50
CIELCh	49, 70.363, 132.954
Yxy	17.8547, 0.3162, 0.5824
Android (android.graphics.Color)	4281042694 (0xFF2B8706)
YUV	92.7860, -42.7855, -43.6623
Hunter-Lab	42.2548, -32.9986, 25.2178

Details

The Hex color **2B8706** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **620687**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **67BD44**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **278700**, and if you desaturate by 10%, it is **358714**.

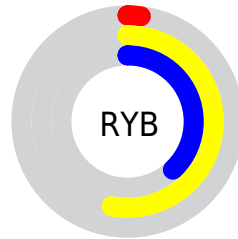
Distribution



Red (17%)

Green (53%)

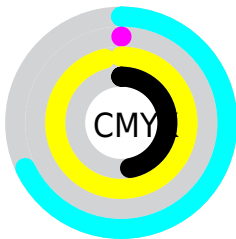
Blue (2%)



Red (2%)

Yellow (53%)

Blue (38%)

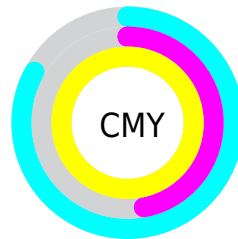


Cyan (68%)

Magenta (0%)

Yellow (96%)

Black (47%)



Cyan (83%)

Magenta (47%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8706 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 2B8706 by changing the saturation by 10% instead.

 2B8706

 2B8706

FFFFFF

 006D00

 67BD44

 005400

 83D95F

 003C00

 A0F679

 002600

 BCFF94

 000000

 DAFFB0

 F7FFCC

 FFFFE9

 2B8706

 2B8706

■ 278700

■ 358714

■ 3E8721

■ 48872F

■ 52873C

■ 5B874A

■ 658757

■ 6E8765

■ 788772

■ 828780

Harmonies

Analogous

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



767B00



2B8706



008D50

Triad

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



2B8706



0086E8



DD2B5E

Complementary

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



2B8706



620687

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.



CD359A



2B8706



0074EB

Square

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



2B8706



008EC6



9657CE



CE4825

Rectangle

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



2B8706



008F7A



9657CE



DB2872

Sweetspot

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



2B8706



8CB07D



876006



43593A



D9D9D9



595959

Same Dimension

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



2B8706



32B000



068720



3E423C



258200



010300

Inverse Universe

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



620687



7D00B0



87066D



403C42



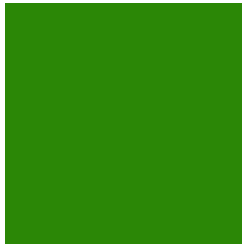
5D0082



020003

Previews

White Background



This preview shows how the Hex color 2B8706 looks on a white background.

Color Contrast Check

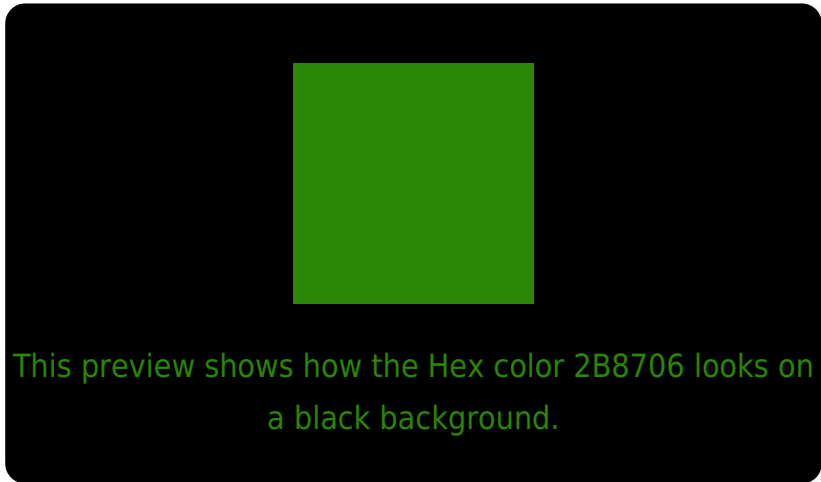
Large Text (above 18pt) WCAG AA ✓ Pass

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

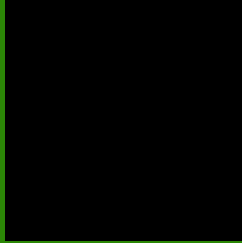
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B8706 Background



This preview shows how black text looks on a background with the Hex color 2B8706.



This preview shows how white text looks on a background with the Hex color 2B8706.

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
2B8706

Protanopia
847500

Deuteranopia
936F1D



Tritanopia
457D88

Trichromacy



Original Color
2B8706



Protanomaly
647C02



Deuteranomaly
6D7815



Tritanomaly
3C8159

Monochromacy



Original Color
2B8706



Achromatopsia
5D5D5D



Achromatomaly
4B6C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8706 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 #2B8706 looks like.

```
.text, #text, p{  
    color:#2B8706  
}
```

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 #2B8706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8706
}
```

Border

The CSS property to change the border of an element to Hex 2B8706 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".

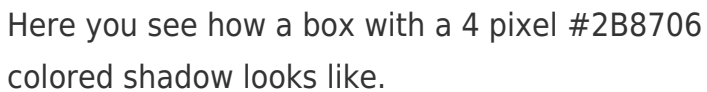
```
.border, #border, table{ border:4px solid
#2B8706 }
```

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

```
.border{ border-color:#2B8706 }
```

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

Here you see how a box with a 4 pixel #2B8706 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 bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8706; -webkit-box-shadow:4px 4px  
4px 4px #2B8706; box-shadow:4px 4px 4px  
4px #2B8706 }
```

Background

The CSS property to change the background color of an element to Hex 2B8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8706 }
```

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

```
.background{ background-color:#2B8706 }
```

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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