

Converting Colors

Hex(2B8230)

Have a look what the booklet for
Hex(2B8230) contains.

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Color

Hex(2B8230)

Conversions

Conversions Part 1

Format	Color
Hex	2B8230
RGB	43, 130, 48
RGB Percent	17%, 51%, 19%
CMY	0.8314, 0.4902, 0.8118
CMYK	0.67, 0.00, 0.63, 0.49
HSL	123°, 50%, 34%
HSV	123°, 67%, 51%
XYZ	9.5124, 16.6923, 5.5169
YIQ	94.6390, -25.5300, -43.9460

Conversions

Conversions Part 2

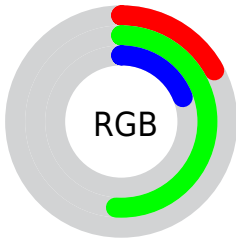
Format	Color
RYB	43, 125, 130
Decimal	2851376
CIELab	47.87, -43.16, 36.11
CIElCh	48, 56.275, 140.079
Yxy	16.6923, 0.2999, 0.5262
Android (android.graphics.Color)	4281041456 (0xFF2B8230)
YUV	94.6390, -22.9930, -45.2874
Hunter-Lab	40.8562, -29.9388, 20.5933

Details

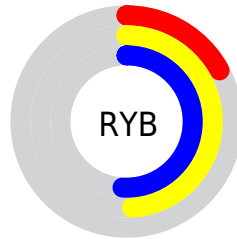
The Hex color **2B8230** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **822B7D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **64B861**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **1E8224**, and if you desaturate by 10%, it is **38823C**.

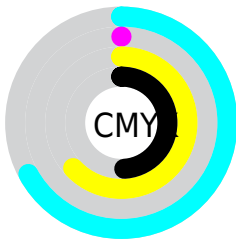
Distribution



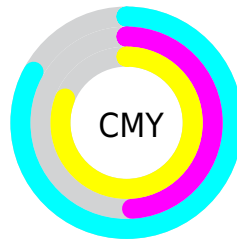
- Red (17%)
- Green (51%)
- Blue (19%)



- Red (17%)
- Yellow (49%)
- Blue (51%)



- Cyan (67%)
- Magenta (0%)
- Yellow (63%)
- Black (49%)



- Cyan (83%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8230 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 2B8230 by changing the saturation by 10% instead.

 2B8230

 2B8230

FFFFFF

 006817

 64B861

 004F00

 80D47B

 003700

 9BF095

 002200

 B8FFB0

 000000

 D4FFCC

 F2FFE9

 2B8230

 2B8230

 1E8224

 38823C

■ 118217

■ 458249

■ 04820B

■ 528255

■ 008207

■ 5F8261

■ 6C826D

■ 79827A

■ 868286

■ 938292

■ A0829E

Harmonies

Analogous

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



6A7900



2B8230



008760

Triad

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



2B8230



007CCF



C64454

Complementary

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



2B8230



822B7D

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.



BF4383



2B8230



506CCB

Square

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



2B8230



0084BA



9B56AF



B65629

Rectangle

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



2B8230



008881



9B56AF



C64164

Sweetspot

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



2B8230



87A889



7E822B



405441



D4D4D4



545454

Same Dimension

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



2B8230



22A829



2B825B



39403A



008007



000000

Inverse Universe

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



822B7D



A822A1



822B52



40393F



800078



000000

Previews

White Background



This preview shows how the Hex color 2B8230 looks on a white background.

Color Contrast Check

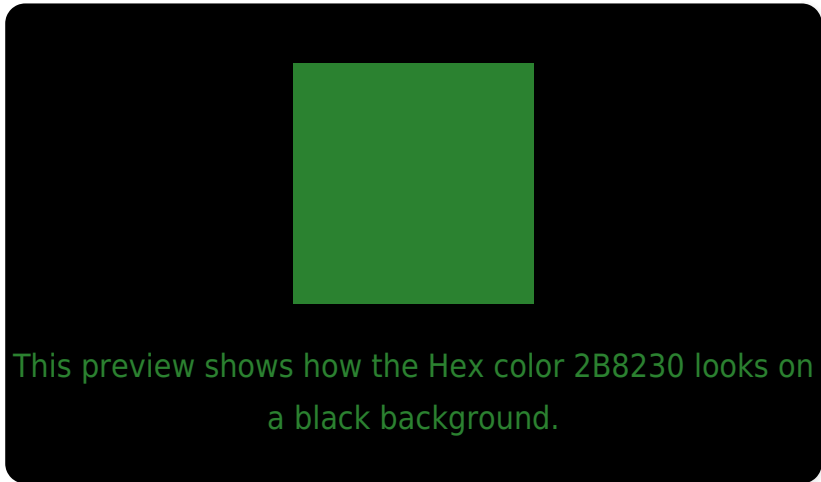
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B8230 Background



This preview shows how black text looks on a background with the Hex color 2B8230.



This preview shows how white text looks on a background with the Hex color 2B8230.

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
2B8230

Protanopia
7E712B

Deuteranopia
8B6C37



Tritanopia
427A84

Trichromacy



Original Color
2B8230



Protanomaly
60772D



Deuteranomaly
687434



Tritanomaly
3A7D65

Monochromacy



Original Color
2B8230



Achromatopsia
5F5F5F



Achromatomaly
4C6C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8230 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 #2B8230 looks like.

```
.text, #text, p{  
    color:#2B8230  
}
```

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 #2B8230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8230
}
```

Border

The CSS property to change the border of an element to Hex 2B8230 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
#2B8230 }
```

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

```
.border{ border-color:#2B8230 }
```

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

Here you see how a box with a 4 pixel #2B8230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8230; -webkit-box-shadow:4px 4px  
4px 4px #2B8230; box-shadow:4px 4px 4px  
4px #2B8230 }
```

Background

The CSS property to change the background color of an element to Hex 2B8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8230 }
```

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

```
.background{ background-color:#2B8230 }
```

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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