

Converting Colors

Hex(2CB430)

Have a look what the booklet for
Hex(2CB430) contains.

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Color

Hex(2CB430)

Conversions

Conversions Part 1

Format	Color
Hex	2CB430
RGB	44, 180, 48
RGB Percent	17%, 71%, 19%
CMY	0.8275, 0.2941, 0.8118
CMYK	0.76, 0.00, 0.73, 0.29
HSL	122°, 61%, 44%
HSV	122°, 76%, 71%
XYZ	17.8935, 33.3914, 8.2984
YIQ	124.2880, -38.6840, -69.8840

Conversions

Conversions Part 2

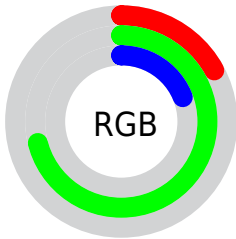
Format	Color
RYB	44, 176, 180
Decimal	2929712
CIELab	64.48, -60.32, 53.96
CIELCh	64, 80.929, 138.186
Yxy	33.3914, 0.3003, 0.5604
Android (android.graphics.Color)	4281119792 (0xFF2CB430)
YUV	124.2880, -37.6100, -70.4126
Hunter-Lab	57.7853, -45.8509, 31.9352

Details

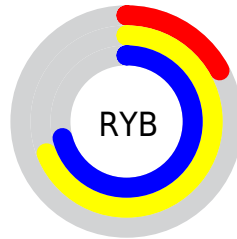
The Hex color **2CB430** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B42CB0**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **70ED66**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **1AB41F**, and if you desaturate by 10%, it is **3EB441**.

Distribution



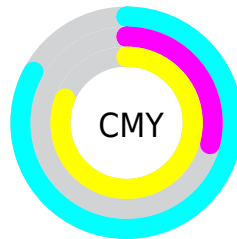
- Red (17%)
- Green (71%)
- Blue (19%)



- Red (17%)
- Yellow (69%)
- Blue (71%)



- Cyan (76%)
- Magenta (0%)
- Yellow (73%)
- Black (29%)



- Cyan (83%)
- Magenta (29%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB430 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 2CB430 by changing the saturation by 10% instead.



2CB430



2CB430

FFFFFF



00980F



70ED66



007E00



8EFF81



006300



ACFF9D



004A00



CAFFB9



003300



E8FFD5



001800



FFFFF2



000000



2CB430



2CB430



1AB41F



3EB441

 08B40D

 50B453

 00B405

 62B464

 74B476

 86B487

 98B499

 AAB4AA

 BCB4BC

 CEB4CD

Harmonies

Analogous

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



93A600



2CB430



00BB7C

Triad

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



2CB430



00ADFF



FF4D74

Complementary

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



2CB430



B42CB0

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.



FF4FBC



2CB430



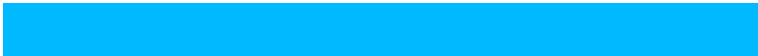
4E96FF

Square

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



2CB430



00B9FF



D572FE



FF6E2F

Rectangle

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



2CB430



00BCAF



D572FE



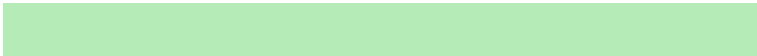
FF488C

Sweetspot

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



2CB430



B5EBB6



B2B42C



547555



F5F5F5



757575

Same Dimension

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



2CB430



15EB1B



2CB472



505951



009904



001A01

Inverse Universe

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



B42CB0



EB15E4



B42C6E



595059



990095



1A0019

Previews

White Background



This preview shows how the Hex color 2CB430 looks on a white background.

Color Contrast Check

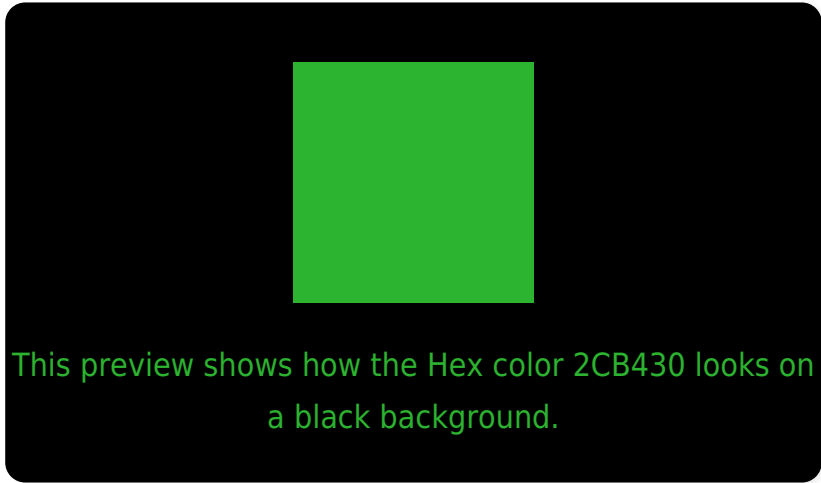
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 2CB430 Background



This preview shows how black text looks on a background with the Hex color 2CB430.

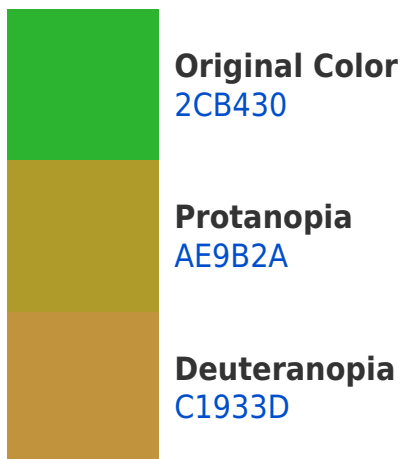


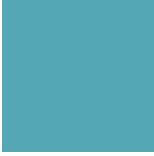
This preview shows how white text looks on a background with the Hex color 2CB430.

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





Tritanopia
54A8B6

Trichromacy



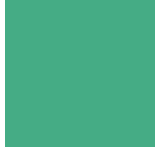
Original Color
2CB430



Protanomaly
7FA42C



Deuteranomaly
8B9F38



Tritanomaly
45AC85

Monochromacy



Original Color
2CB430



Achromatopsia
7C7C7C



Achromatomaly
5F9060

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB430 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 #2CB430 looks like.

```
.text, #text, p{  
    color:#2CB430  
}
```

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 #2CB430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB430
}
```

Border

The CSS property to change the border of an element to Hex 2CB430 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
#2CB430 }
```

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

```
.border{ border-color:#2CB430 }
```

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

Here you see how a box with a 4 pixel #2CB430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB430; -webkit-box-shadow:4px 4px  
4px 4px #2CB430; box-shadow:4px 4px 4px  
4px #2CB430 }
```

Background

The CSS property to change the background color of an element to Hex 2CB430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB430 }
```

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

```
.background{ background-color:#2CB430 }
```

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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