

# Converting Colors

Hex(B2B630)

Have a look what the booklet for  
Hex(B2B630) contains.

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**Color**

**Hex(B2B630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B630
RGB	178, 182, 48
RGB Percent	70%, 71%, 19%
CMY	0.3020, 0.2863, 0.8118
CMYK	0.02, 0.00, 0.74, 0.29
HSL	62°, 58%, 45%
HSV	62°, 74%, 71%
XYZ	35.6215, 43.1343, 9.2446
YIQ	165.5280, 40.6300, -42.5220

# Conversions

## Conversions Part 2

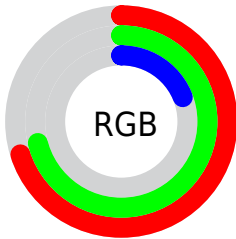
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 182, 52
Decimal	11712048
CIE <sub>Lab</sub>	71.65, -17.29, 63.21
CIE <sub>LCh</sub>	72, 65.533, 105.301
Yxy	43.1343, 0.4048, 0.4902
Android (android.graphics.Color)	4289902128 (0xFFB2B630)
YUV	165.5280, -57.9413, 10.9379
Hunter-Lab	65.6767, -18.1199, 37.6281

# Details

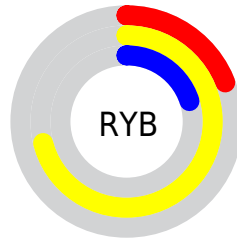
The Hex color **B2B630** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3430B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EDEE68**, and **7A8100** is the 20% darker color. If you saturate the color by 10%, you get **B1B61E**, and if you desaturate by 10%, it is **B3B642**.

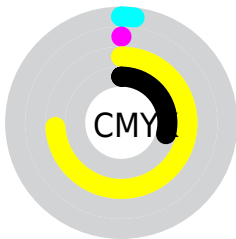
# Distribution



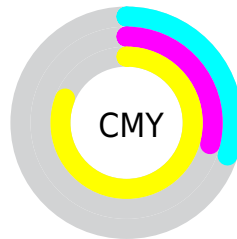
- Red (70%)
- Green (71%)
- Blue (19%)



- Red (19%)
- Yellow (71%)
- Blue (20%)



- Cyan (2%)
- Magenta (0%)
- Yellow (74%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B630 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 B2B630 by changing the saturation by 10% instead.



 B2B630

 B2B630

FFFFFF

 969B0A

 EDEE68

 7A8100

 FFFF83

 5E6800

 FFFF9F

 445000

 FFFFBB

 293A00

 FFFFD8

 102400

 FFFFF5

 000B00

 000000

 B2B630

 B2B630

 B1B61E

 B3B642

 B1B60C

 B3B654

 B1B600

 B4B667

 B4B679

 B5B68B

 B5B69D

 B6B6AF

 B6B6C2

 B7B6D4

# Harmonies

## Analogous

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



E7A235



B2B630



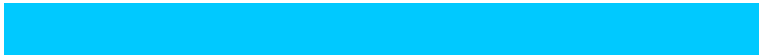
6DC356

# Triad

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



B2B630



00C9FF



FF7CD0

# Complementary

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



B2B630



3430B6

# 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.



DA92FF



B2B630



00BEFF

# Square

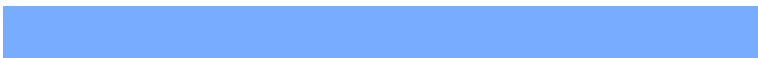
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2B630



00CCCD



78ACFF



FF7993

# Rectangle

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



B2B630



09C97B



78ACFF



FF82E3



# Sweetspot

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



B2B630



ECEDB9



B63230



777859



F7F7F7



787878



# Same Dimension

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



B2B630



E7ED1C



71B630



5C5C53



979C00



1B1C00



# Inverse Universe

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



3430B6



231CED



7530B6



53535C



05009C



01001C



# Previews

## White Background



This preview shows how the Hex color B2B630 looks on a white background.

## Color Contrast Check

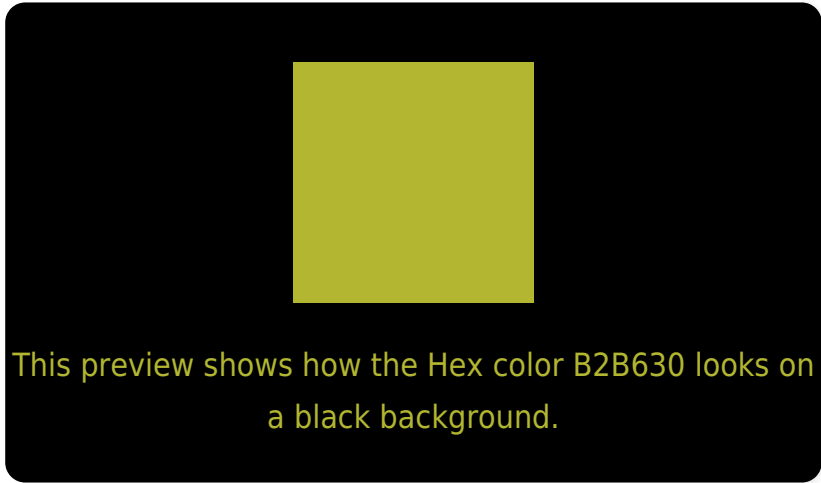
Large Text (above 18pt) WCAG AA × Fail

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 B2B630 Background



This preview shows how black text looks on a background with the Hex color B2B630.

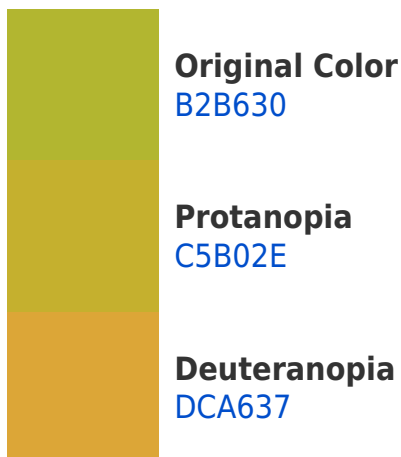


This preview shows how white text looks on a background with the Hex color B2B630.

# 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





# Trichromacy



**Original Color**  
B2B630

**Protanomaly**  
BEB22F

**Deuteranomaly**  
CDAC34

**Tritanomaly**  
BAAE86

# Monochromacy



**Original Color**  
B2B630

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
AAAC7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B630 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 #B2B630 looks like.

```
.text, #text, p{  
    color:#B2B630  
}
```

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 #B2B630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B630
}
```

## Border

The CSS property to change the border of an element to Hex B2B630 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
#B2B630 }
```

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

```
.border{ border-color:#B2B630 }
```

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

Here you see how a box with a 4 pixel #B2B630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B630; -webkit-box-shadow:4px 4px  
4px 4px #B2B630; box-shadow:4px 4px 4px  
4px #B2B630 }
```

# Background

The CSS property to change the background color of an element to Hex B2B630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B630 }
```

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

```
.background{ background-color:#B2B630 }
```

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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