

# Converting Colors

Hex(B6881E)

Have a look what the booklet for  
Hex(B6881E) contains.

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# Color

Hex(B6881E)

# Conversions

## Conversions Part 1

Format	Color
Hex	B6881E
RGB	182, 136, 30
RGB Percent	71%, 53%, 12%
CMY	0.2863, 0.4667, 0.8824
CMYK	0.00, 0.25, 0.84, 0.29
HSL	42°, 72%, 42%
HSV	42°, 84%, 71%
XYZ	28.3299, 27.6471, 5.0716
YIQ	137.6700, 61.4420, -23.2140

# Conversions

## Conversions Part 2

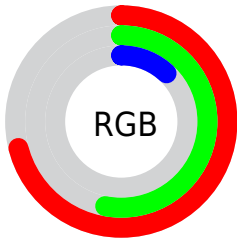
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 182, 30
Decimal	11962398
CIE Lab	59.57, 8.27, 58.33
CIE LCh	60, 58.914, 81.933
Yxy	27.6471, 0.4641, 0.4529
Android (android.graphics.Color)	4290152478 (0xFFB6881E)
YUV	137.6700, -53.0813, 38.8774
Hunter-Lab	52.5805, 4.1582, 31.0877

# Details

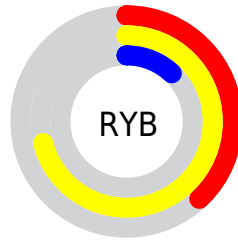
The Hex color **B6881E** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1E4CB6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F2BD55**, and **7C5700** is the 20% darker color. If you saturate the color by 10%, you get **B6820C**, and if you desaturate by 10%, it is **B68E30**.

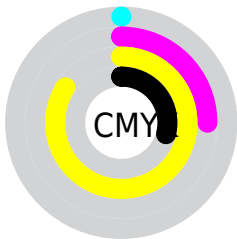
# Distribution



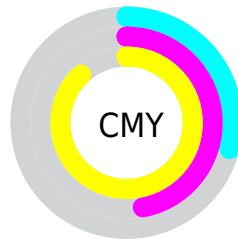
- Red (71%)
- Green (53%)
- Blue (12%)



- Red (38%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (47%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6881E 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 B6881E by changing the saturation by 10% instead.



 B6881E

 B6881E

FFFFFF

 996F00

 F2BD55

 7C5700

 FFD970

 604000

 FFF58A

 452A00

 FFFFA6

 2B1600

 FFFFC2

 100000

 FFFFDF

 000000

 FFFFFC

 B6881E


 B6881E

 B6820C

 B68E30

 B67F00

 B69342

 B69955

 B69E67

 B6A479

 B6A98B

 B6AF9D

 B6B4B0

 B6BAC2

# Harmonies

## Analogous

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



DA733E



B6881E



859824

# Triad

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



B6881E



00A8B5



C171D0

# Complementary

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



B6881E



1E4CB6

# 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.



7688F0



B6881E



00A4E0

# Square

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



B6881E



00A77F



0099F6



E660A0

# Rectangle

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



B6881E



5DA03D



0099F6



AD79DD



# Sweetspot

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



B6881E



EDDBB2



B61E4E



786D54



F7F7F7



787878



# Same Dimension

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



B6881E



EDA500



9AB61E



5C5953



9C6C00



1C1400



# Inverse Universe

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



1E4CB6



0048ED



3A1EB6



53555C



002F9C

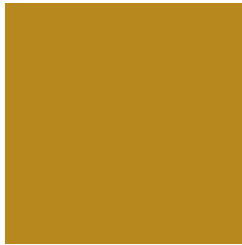


00081C



# Previews

## White Background



This preview shows how the Hex color B6881E looks on a white background.

## Color Contrast Check

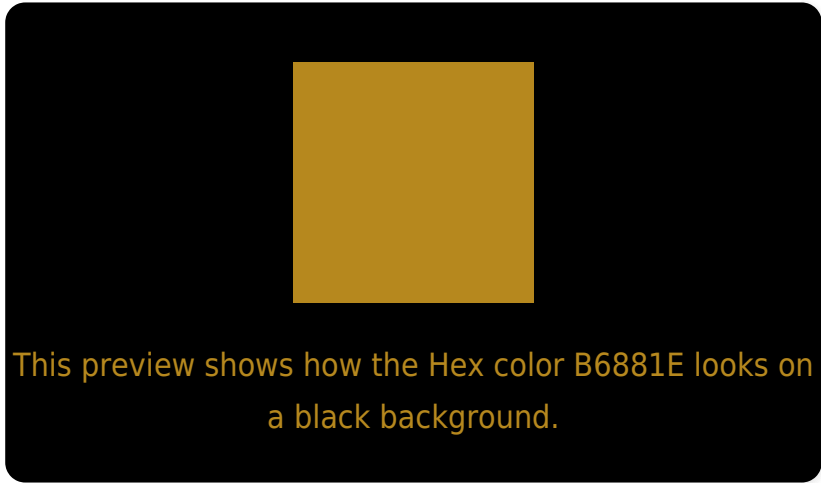
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 B6881E Background



This preview shows how black text looks on a background with the Hex color B6881E.



This preview shows how white text looks on a background with the Hex color B6881E.

# 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**  
B6881E

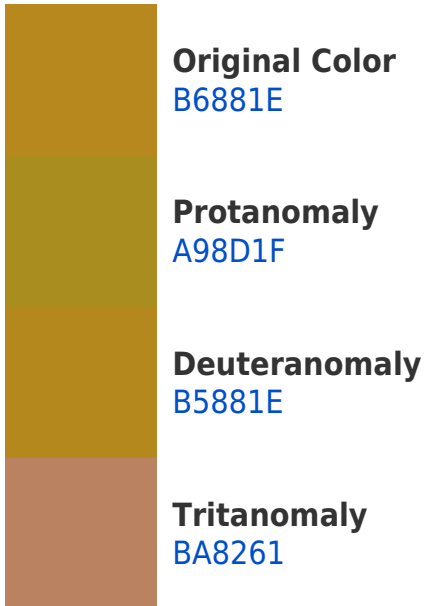
**Protanopia**  
A29020

**Deuteranopia**  
B5881E

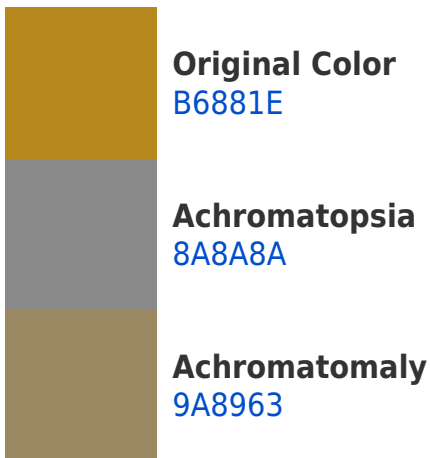


**Tritanopia**  
BC7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6881E 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 #B6881E looks like.

```
.text, #text, p{  
    color:#B6881E  
}
```

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 #B6881E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6881E
}
```

## Border

The CSS property to change the border of an element to Hex B6881E 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
#B6881E }
```

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

```
.border{ border-color:#B6881E }
```

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

Here you see how a box with a 4 pixel #B6881E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6881E; -webkit-box-shadow:4px 4px  
4px 4px #B6881E; box-shadow:4px 4px 4px  
4px #B6881E }
```

# Background

The CSS property to change the background color of an element to Hex B6881E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6881E }
```

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

```
.background{ background-color:#B6881E }
```

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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