

Converting Colors

Hex(B28E3A)

Have a look what the booklet for
Hex(B28E3A) contains.

Hex(B28E3A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B28E3A)

Conversions

Conversions Part 1

Format	Color
Hex	B28E3A
RGB	178, 142, 58
RGB Percent	70%, 56%, 23%
CMY	0.3020, 0.4431, 0.7725
CMYK	0.00, 0.20, 0.67, 0.30
HSL	42°, 51%, 46%
HSV	42°, 67%, 70%
XYZ	28.7968, 29.1165, 8.1053
YIQ	143.1880, 48.4200, -18.4920

Conversions

Conversions Part 2

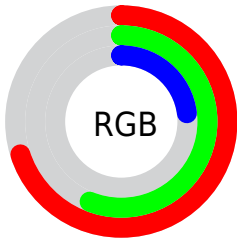
Format	Color
RYB	109, 178, 58
Decimal	11701818
CIELab	60.88, 4.42, 48.43
CIELCh	61, 48.628, 84.783
Yxy	29.1165, 0.4362, 0.4410
Android (android.graphics.Color)	4289891898 (0xFFB28E3A)
YUV	143.1880, -41.9977, 30.5301
Hunter-Lab	53.9597, 0.8312, 28.8658

Details

The Hex color **B28E3A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3A5EB2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **EDC36D**, and **7A5C00** is the 20% darker color. If you saturate the color by 10%, you get **B28928**, and if you desaturate by 10%, it is **B2934C**.

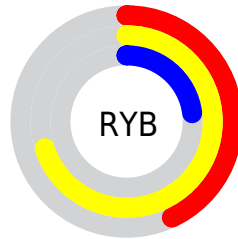
Distribution



Red (70%)

Green (56%)

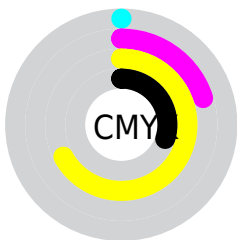
Blue (23%)



Red (43%)

Yellow (70%)

Blue (23%)

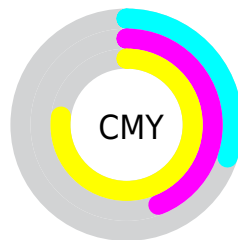


Cyan (0%)

Magenta (20%)

Yellow (67%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28E3A 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 B28E3A by changing the saturation by 10% instead.

 B28E3A

 B28E3A

FFFFFF

 967520

 EDC36D

 7A5C00

 FFDF87

 5F4500

 FFCA2

 442F00

 FFFFBE

 2B1A00

 FFFFFDA

 100000

 FFFFFF7

 000000

 B28E3A

 B28E3A

 B28928

 B2934C

 B28316

 B2995E

 B27E05

 B29E6F

 B27D00

 B2A381

 B2A993

 B2AEA5

 B2B3B7

 B2B9C8

 B2BEDA

Harmonies

Analogous

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



D27E4E



B28E3A



889B41

Triad

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



B28E3A



00A8B6



C17AC5

Complementary

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



B28E3A



3A5EB2

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.



898BE1



B28E3A



00A4D8

Square

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



B28E3A



00A88A



1C9AE8



DE6E9C

Rectangle

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



B28E3A



67A153



1C9AE8



B17FD0

Sweetspot

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



B28E3A



E8DABA



B23A5E



756D59



F5F5F5



757575

Same Dimension

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



B28E3A



E8B02C



9AB23A



595750



996B00



1A1200

Inverse Universe

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



3A5EB2



2C64E8



523AB2



505359



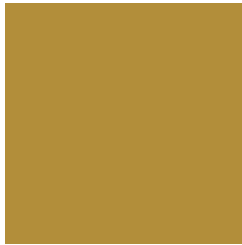
002E99



00081A

Previews

White Background



This preview shows how the Hex color B28E3A looks on a white background.

Color Contrast Check

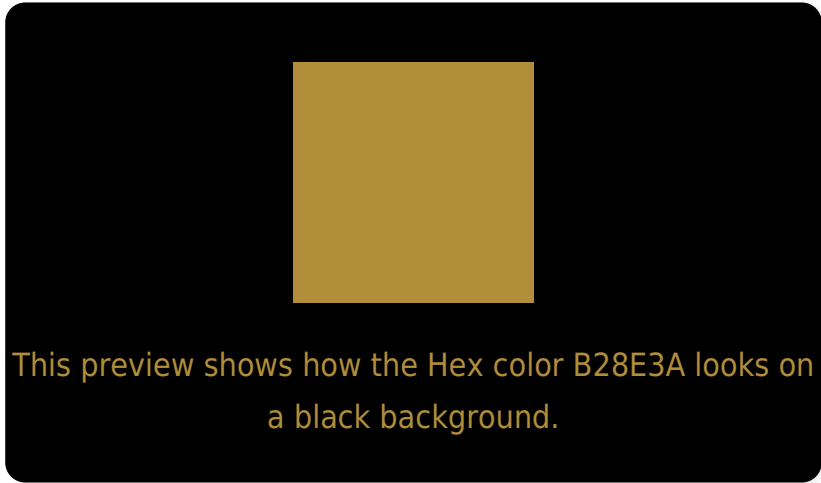
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28E3A Background



This preview shows how black text looks on a background with the Hex color B28E3A.



This preview shows how white text looks on a background with the Hex color B28E3A.

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
B28E3A

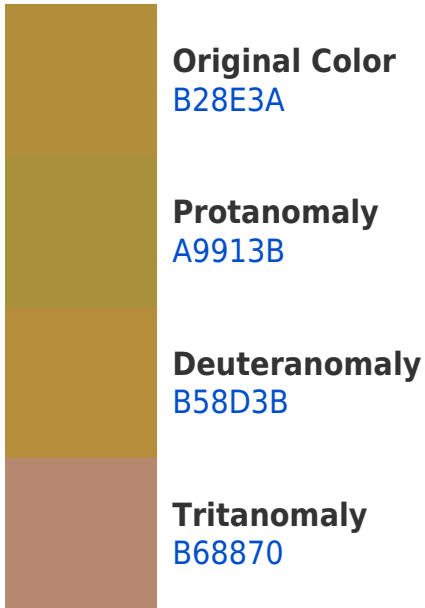
Protanopia
A4933C

Deuteranopia
B78C3B



Tritanopia
B8858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B28E3A 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 #B28E3A looks like.

```
.text, #text, p{  
    color:#B28E3A  
}
```

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 #B28E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28E3A
}
```

Border

The CSS property to change the border of an element to Hex B28E3A 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
#B28E3A }
```

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

```
.border{ border-color:#B28E3A }
```

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

Here you see how a box with a 4 pixel #B28E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28E3A; -webkit-box-shadow:4px 4px  
4px 4px #B28E3A; box-shadow:4px 4px 4px  
4px #B28E3A }
```

Background

The CSS property to change the background color of an element to Hex B28E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28E3A }
```

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

```
.background{ background-color:#B28E3A }
```

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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