

Converting Colors

Hex(B28100)

Have a look what the booklet for
Hex(B28100) contains.

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Color

Hex(B28100)

Conversions

Conversions Part 1

Format	Color
Hex	B28100
RGB	178, 129, 0
RGB Percent	70%, 51%, 0%
CMY	0.3020, 0.4941, 1.0000
CMYK	0.00, 0.28, 1.00, 0.30
HSL	43°, 100%, 35%
HSV	43°, 100%, 70%
XYZ	26.2104, 25.1655, 3.4760
YIQ	128.9450, 70.6130, -29.7310

Conversions

Conversions Part 2

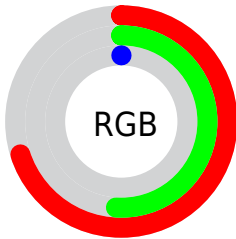
Format	Color
RYB	68, 178, 0
Decimal	11698432
CIELab	57.24, 9.77, 62.82
CIELCh	57, 63.579, 81.157
Yxy	25.1655, 0.4778, 0.4588
Android (android.graphics.Color)	4289888512 (0xFFB28100)
YUV	128.9450, -63.5699, 43.0212
Hunter-Lab	50.1652, 5.4737, 31.0074

Details

The Hex color **B28100** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0031B2**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EEB645**, and **785000** is the 20% darker color. If you saturate the color by 10%, you get **B28100**, and if you desaturate by 10%, it is **B28612**.

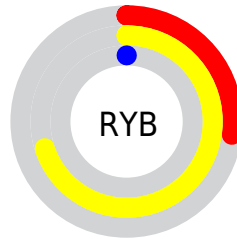
Distribution



Red (70%)

Green (51%)

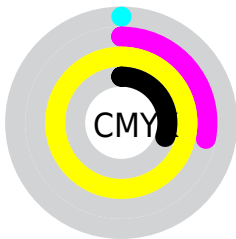
Blue (0%)



Red (27%)

Yellow (70%)

Blue (0%)

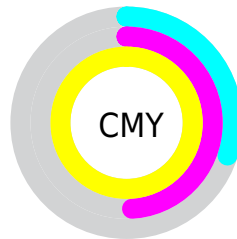


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28100 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 B28100 by changing the saturation by 10% instead.

 B28100

 B28100

FFFFFF

 956800

 EEB645

 785000

 FFD160

 5C3900

 FFED7B

 412400

 FFFF96

 271000

 FFFFB2

 000000

 FFFFCE

 FFFFEB

 B28100

 B28612

 B28B24

 B29035

 B29547

 B29A59

 B29E6B

 B2A37D

 B2A88E

 B2ADA0

Harmonies

Analogous

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



D86A33



B28100



7F9208

Triad

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



B28100



00A3B0



BC68D0

Complementary

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



B28100



0031B2

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.



6782F2



B28100



009FDF

Square

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



B28100



00A277



0095F7



E4539C

Rectangle

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



B28100



539A2D



0095F7



A671DE

Sweetspot

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



B28100



E8D5A2



B20032



756A4B



F5F5F5



757575

Same Dimension

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



B28100



E8A800



8BB200



595750



996F00



1A1200

Inverse Universe

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



0031B2



0040E8



2700B2



505359



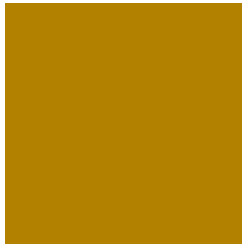
002A99



00071A

Previews

White Background



This preview shows how the Hex color B28100 looks on a white background.

Color Contrast Check

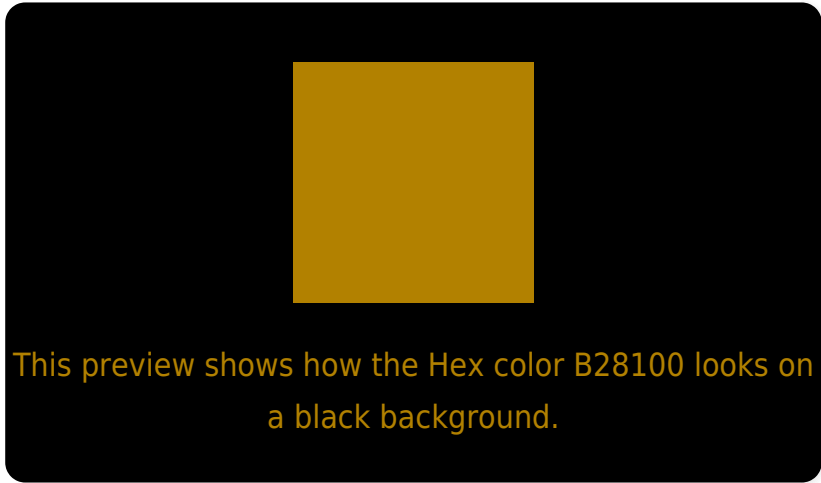
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28100 Background



This preview shows how black text looks on a background with the Hex color B28100.



This preview shows how white text looks on a background with the Hex color B28100.

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
B28100

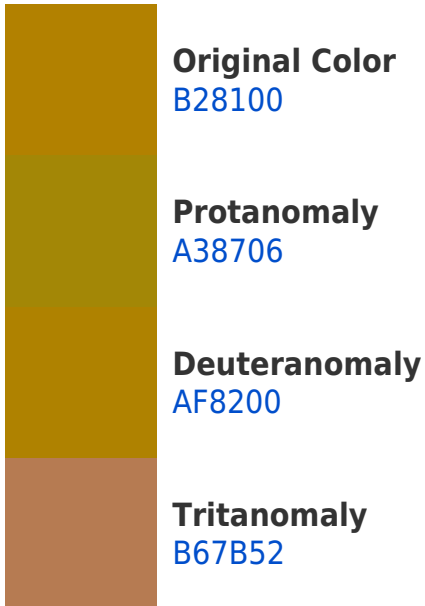
Protanopia
9B8A0A

Deuteranopia
AE8300



Tritanopia
B87881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B28100 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 #B28100 looks like.

```
.text, #text, p{  
    color:#B28100  
}
```

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 #B28100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28100
}
```

Border

The CSS property to change the border of an element to Hex B28100 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
#B28100 }
```

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

```
.border{ border-color:#B28100 }
```

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

Here you see how a box with a 4 pixel #B28100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28100; -webkit-box-shadow:4px 4px  
4px 4px #B28100; box-shadow:4px 4px 4px  
4px #B28100 }
```

Background

The CSS property to change the background color of an element to Hex B28100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28100 }
```

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

```
.background{ background-color:#B28100 }
```

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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