

Converting Colors

Hex(B28347)

Have a look what the booklet for
Hex(B28347) contains.

Hex(B28347)	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(B28347)

Conversions

Conversions Part 1

Format	Color
Hex	B28347
RGB	178, 131, 71
RGB Percent	70%, 51%, 28%
CMY	0.3020, 0.4863, 0.7216
CMYK	0.00, 0.26, 0.60, 0.30
HSL	34°, 43%, 49%
HSV	34°, 60%, 70%
XYZ	27.6137, 26.1525, 9.5538
YIQ	138.2130, 47.2720, -8.6960

Conversions

Conversions Part 2

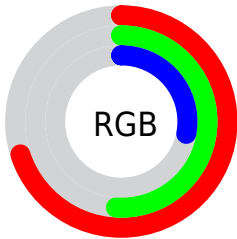
Format	Color
RYB	155, 178, 71
Decimal	11699015
CIELab	58.18, 11.41, 39.03
CIElCh	58, 40.660, 73.706
Yxy	26.1525, 0.4361, 0.4130
Android (android.graphics.Color)	4289889095 (0xFFB28347)
YUV	138.2130, -33.1360, 34.8932
Hunter-Lab	51.1395, 6.8902, 24.7212

Details

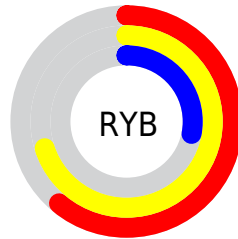
The Hex color **B28347** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4776B2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ECB879**, and **7A5217** is the 20% darker color. If you saturate the color by 10%, you get **B27B35**, and if you desaturate by 10%, it is **B28B59**.

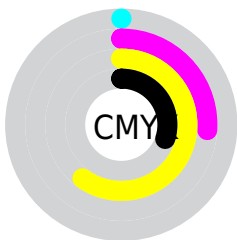
Distribution



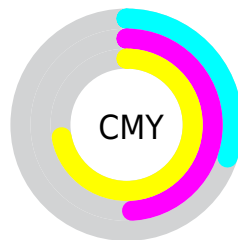
- Red (70%)
- Green (51%)
- Blue (28%)



- Red (61%)
- Yellow (70%)
- Blue (28%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28347 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 B28347 by changing the saturation by 10% instead.

 B28347

 B28347

FFFFFF

 966A2F

 ECB879

 7A5217

 FFD493

 5F3B00

 FFF0AE

 452500

 FFFFCA

 2B1100

 FFFFEE

 090000

 000000

 B28347

 B28347

 B27B35

 B28B59

 B27323

 B2936B

 B26C12

 B29A7C

 B26400

 B2A28E

 B2AAA0

 B2B2B2

 B2BAC4

 B2C2D5

 B2C9E7

Harmonies

Analogous

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



C8765C



B28347



928F44

Triad

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



B28347



009E9C



A47CC0

Complementary

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



B28347



4776B2

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.



6F8AD1



B28347



009CBC

Square

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



B28347



359D77



0F95D0



C471A1

Rectangle

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



B28347



78954F



0F95D0



9581C7

Sweetspot

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



B28347



E8D6BE



B24777



756A5B



F5F5F5



757575

Same Dimension

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



B28347



E89F41



ADB247



595550



995600



1A0E00

Inverse Universe

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



4776B2



418AE8



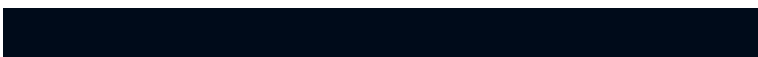
4C47B2



505459



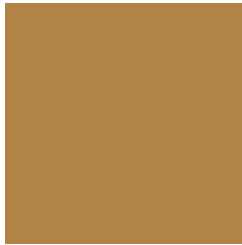
004399



000B1A

Previews

White Background



This preview shows how the Hex color B28347 looks on a white background.

Color Contrast Check

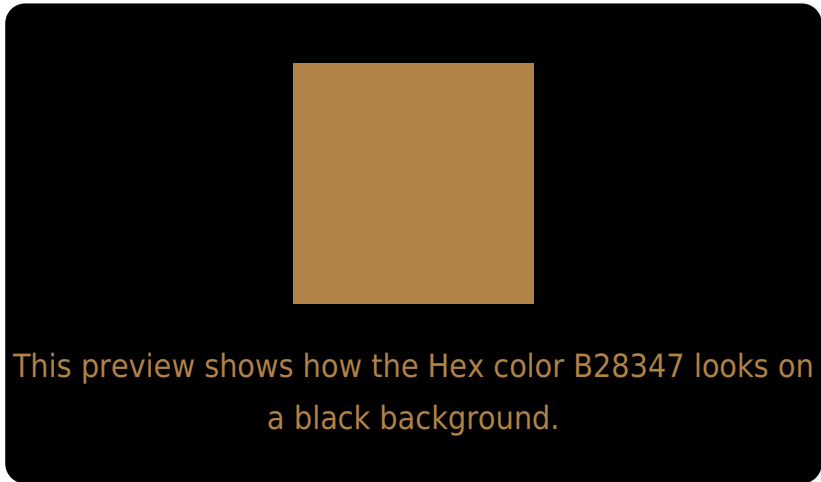
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28347 Background



This preview shows how black text looks on a background with the Hex color B28347.



This preview shows how white text looks on a background with the Hex color B28347.

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
B28347

Protanopia
9A8C4A

Deuteranopia
AC8546



Tritanopia
B77C85

Trichromacy



Original Color
B28347

Protanomaly
A38949

Deuteranomaly
AE8446

Tritanomaly
B57F6E

Monochromacy



Original Color
B28347

Achromatopsia
8A8A8A

Achromatomaly
998772

CSS Examples

Text

The CSS property to change the color of the text to Hex B28347 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 #B28347 looks like.

```
.text, #text, p{  
    color:#B28347  
}
```

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 #B28347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28347
}
```

Border

The CSS property to change the border of an element to Hex B28347 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
#B28347 }
```

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

```
.border{ border-color:#B28347 }
```

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

Here you see how a box with a 4 pixel #B28347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28347; -webkit-box-shadow:4px 4px  
4px 4px #B28347; box-shadow:4px 4px 4px  
4px #B28347 }
```

Background

The CSS property to change the background color of an element to Hex B28347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28347 }
```

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

```
.background{ background-color:#B28347 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor