

Converting Colors

Hex(B28166)

Have a look what the booklet for
Hex(B28166) contains.

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Color

Hex(B28166)

Conversions

Conversions Part 1

Format	Color
Hex	B28166
RGB	178, 129, 102
RGB Percent	70%, 51%, 40%
CMY	0.3020, 0.4941, 0.6000
CMYK	0.00, 0.28, 0.43, 0.30
HSL	21°, 33%, 55%
HSV	21°, 43%, 70%
XYZ	28.6086, 26.1248, 16.1051
YIQ	140.5730, 37.8710, 1.9910

Conversions

Conversions Part 2

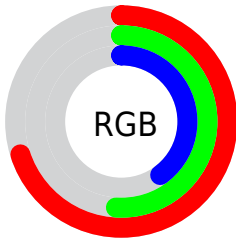
Format	Color
R_{YB}	178, 144, 102
Decimal	11698534
CIE Lab	58.16, 15.45, 22.08
CIE LCh	58, 26.952, 55.021
Yxy	26.1248, 0.4039, 0.3688
Android (android.graphics.Color)	4289888614 (0xFFB28166)
YUV	140.5730, -19.0165, 32.8235
Hunter-Lab	51.1124, 10.4632, 17.0969

Details

The Hex color **B28166** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6697B2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **EBB699**, and **7B5037** is the 20% darker color. If you saturate the color by 10%, you get **B27654**, and if you desaturate by 10%, it is **B28C78**.

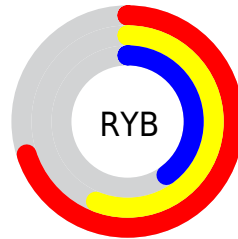
Distribution



Red (70%)

Green (51%)

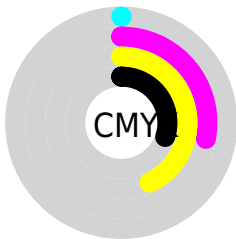
Blue (40%)



Red (70%)

Yellow (56%)

Blue (40%)

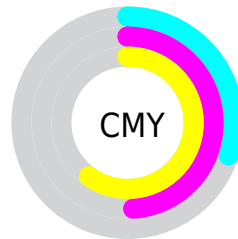


Cyan (0%)

Magenta (28%)

Yellow (43%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28166 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 B28166 by changing the saturation by 10% instead.

 B28166

 B28166

FFFFFF

 96684E

 EBB699

 7B5037

 FFD2B4

 613821

 FFEED0

 47230B

 FFFFEC

 2F0E00

 120000

 000000

 B28166

 B28166

 B27654

 B28C78

 B26A42

 B2988A

 B25F31

 B2A39B

 B2531F

 B2AFAD

 B2480D

 B2BABF

 B23F00

 B2C6D1

 B2D1E3

 B2DDF4

 B2E8FF

Harmonies

Analogous

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



BB7B79



B28166



A0895D

Triad

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



B28166



519987



8A87B6

Complementary

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



B28166



6697B2

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.



678FBA



B28166



3F989F

Square

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



B28166



6C9670



4795B2



A67FA7

Rectangle

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



B28166



908E5E



4795B2



7E8AB9

Sweetspot

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



B28166



E8D5CA



B26697



756963



F5F5F5



757575

Same Dimension

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



B28166



E89C72



B2A766



595350



993600



1A0900

Inverse Universe

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



6697B2



72BEE8



6671B2



505659



006399



00101A

Previews

White Background



This preview shows how the Hex color B28166 looks on a white background.

Color Contrast Check

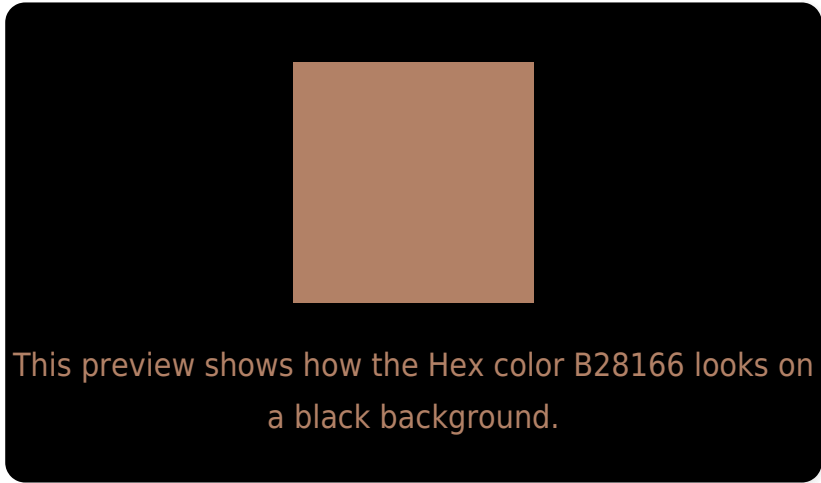
Large Text (above 18pt) WCAG AA ✓ Pass

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

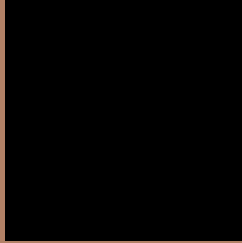
Any Text WCAG AA ✓ Pass

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 B28166 Background



This preview shows how black text looks on a background with the Hex color B28166.



This preview shows how white text looks on a background with the Hex color B28166.

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
B28166

Protanopia
968C6B

Deuteranopia
A68665



Tritanopia
B57D86

Trichromacy



Original Color
B28166

Protanomaly
A08869

Deuteranomaly
AA8465

Tritanomaly
B47E7A

Monochromacy



Original Color
B28166

Achromatopsia
8D8D8D

Achromatomaly
9A897F

CSS Examples

Text

The CSS property to change the color of the text to Hex B28166 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 #B28166 looks like.

```
.text, #text, p{  
    color:#B28166  
}
```

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 #B28166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28166
}
```

Border

The CSS property to change the border of an element to Hex B28166 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
#B28166 }
```

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

```
.border{ border-color:#B28166 }
```

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

Here you see how a box with a 4 pixel #B28166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28166; -webkit-box-shadow:4px 4px  
4px 4px #B28166; box-shadow:4px 4px 4px  
4px #B28166 }
```

Background

The CSS property to change the background color of an element to Hex B28166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28166 }
```

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

```
.background{ background-color:#B28166 }
```

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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