Converting Colors

Hex(BCBDB2)

Have a look what the booklet for Hex(BCBDB2) contains.

Color

Hex(BCBDB2)

Conversions

Conversions Part 1

Format	Color
Hex	BCBDB2
RGB	188, 189, 178
RGB Percent	74%, 74%, 70%
CMY	0.2627, 0.2588, 0.3020
CMYK	0.01, 0.00, 0.06, 0.26
HSL	65°, 8%, 72%
HSV	65°, 6%, 74%
XYZ	46.9725, 50.3009, 49.3528
YIQ	187.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

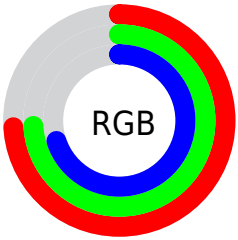
Format	Color
RYB	178, 189, 179
Decimal	12369330
CIELab	76.25, -2.33, 5.43
CIELCh	76, 5.907, 113.275
Yxy	50.3009, 0.3204, 0.3431
Android (android.graphics.Color)	4290559410 (0xFFBCBDB2)
YUV	187.4470, -4.6574, 0.4850
Hunter-Lab	70.9231, -5.8946, 8.3885

Details

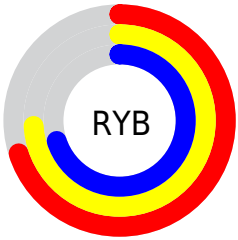
The Hex color BCBDB2 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be B3B2BD, and the grayscale version is BBBBBB.

A 20% lighter version of the original color is F4F5EA, and 87887D is the 20% darker color. If you saturate the color by 10%, you get BABD9F, and if you desaturate by 10%, it is BEBDC5.

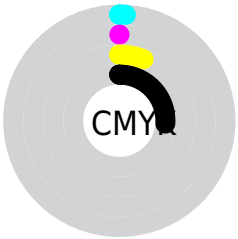
Distribution



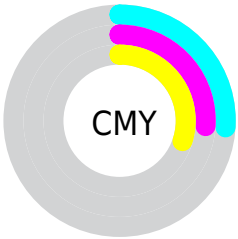
- Red (74%)
- Green (74%)
- Blue (70%)



- Red (70%)
- Yellow (74%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (26%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCBDB2 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 BCBDB2 by changing the saturation by 10% instead.

BCBDB2

FFFFFF

F4F5EA

BCBDB2

A1A297

87887D

6D6E64

55564D

3E3F36

282921

141509

000000

BCBDB2

BCBDB2

BABD9F	BEBDC5
B9BD8C	BFBDD8
B7BD79	C1BDEB
B5BD66	C3BDFE
B3BD54	C5BDFF
B2BD41	C6BDFF
B0BD2E	C8BDFF
AEBD1B	CABDFF
ADBD08	CBBDFF

Harmonies

Analogous

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

C2BBB1

BCBDB2

B6BEB5

Triad

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

BCBDB2

B1BEC5

C7B9BD

Complementary

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

BCBDB2

B3B2BD

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.

C2B9C3

BCBDB2

B5BDC7

Square

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

BCBDB2

AFBFC0

BCBBC6

C8B9B8

Rectangle

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

BCBDB2

B2BFB9

BCBBC6

C5B9BF

Sweetspot

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

BCBDB2

F4F5F0

BDB3B2

7A7A78

FAFAFA

7A7A7A

Same Dimension

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

BCBDB2

F3F5E4

B7BDB2

5E5E57

909E00

1C1F00

Inverse Universe

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

B3B2BD

E5E4F5

B8B2BD

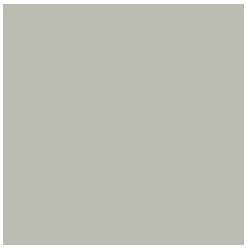
57575E

0E009E

03001F

Previews

White Background

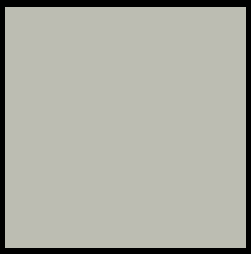


This preview shows how the Hex color BCBDB2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



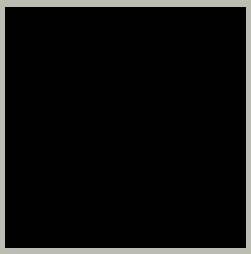
This preview shows how the Hex color BCBDB2 looks on a black background.

Color Contrast Check

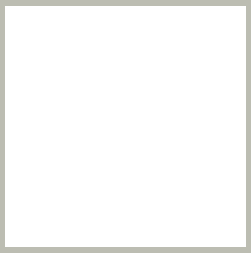
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex BCBDB2 Background



This preview shows how black text looks on a background with the Hex color BCBDB2.



This preview shows how white text looks on a background with the Hex color BCBDB2.

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

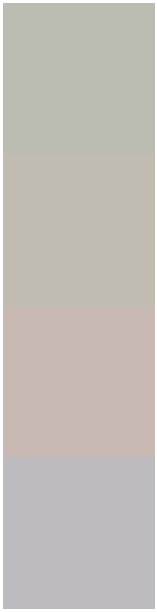
Original Color
BCBDB2

Protanopia
C2BBB1

Deuteranopia
D1B6B3

Tritanopia
BFBAC8

Trichromacy



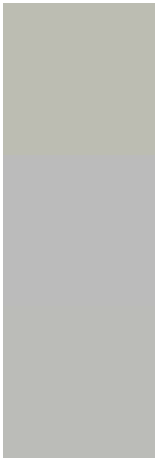
Original Color
BCBDB2

Protanomaly
C0BCB1

Deuteranomaly
C9B9B3

Tritanomaly
BEBBC0

Monochromacy



Original Color
BCBDB2

Achromatopsia
BBBBBB

Achromatomaly
BBBCB8

CSS Examples

Text

The CSS property to change the color of the text to Hex BCBDB2 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 #BCBDB2 looks like.

```
.text, #text, p{
    color:#BCBDB2
}
```

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 #BCBDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCBDB2
}
```

Border

The CSS property to change the border of an element to Hex BCBDB2 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
#BCBDB2 }
```

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

```
.border{ border-color:#BCBDB2 }
```

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

Here you see how a box with a 4 pixel #BCBDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #BCBDB2; -webkit-box-shadow:4px 4px 4px 4px #BCBDB2; box-shadow:4px 4px 4px 4px #BCBDB2 }
```

Background

The CSS property to change the background color of an element to Hex BCBDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#BCBDB2 }
```

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

```
.background{ background-color:#BCBDB2 }
```

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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