

# Converting Colors

Hex(B3B3B3)

Have a look what the booklet for  
Hex(B3B3B3) contains.

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# **Color**

**Hex(B3B3B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B3B3
RGB	179, 179, 179
RGB Percent	70%, 70%, 70%
CMY	0.2980, 0.2980, 0.2980
CMYK	0.00, 0.00, 0.00, 0.30
HSL	0°, 0%, 70%
HSV	0°, 0%, 70%
XYZ	42.8472, 45.0786, 49.0906
YIQ	179.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 179, 179
Decimal	11776947
CIELab	72.94, 0.00, -0.01
CIELCh	73, 0.009, 296.813
Yxy	45.0786, 0.3127, 0.3290
Android (android.graphics.Color)	4289967027 (0xFFB3B3B3)
YUV	179.0000, 0.0000, 0.0000
Hunter-Lab	67.1406, -3.5825, 3.6479

# Details

The Hex color **B3B3B3** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **philippine silver**. A complement of this color would be **B3B3B3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EBEBEB**, and **7E7E7E** is the 20% darker color. If you saturate the color by 10%, you get **B3A1A1**, and if you desaturate by 10%, it is **B3C5C5**.

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B3B3 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 B3B3B3 by changing the saturation by 10% instead.



 B3B3B3

 B3B3B3

FFFFFF

 989898

 EBEBEB

 7E7E7E

 656565

 4D4D4D

 373737

 212121

 0B0B0B

 000000

 B3B3B3

 B3B3B3

 B3A1A1

 B3C5C5

 B38F8F

 B3D7D7

 B37D7D

 B3E9E9

 B36B6B

 B3FBFB

 B35A5A

 B3FFFF

 B34848

 B33636

 B32424

 B31212

# Harmonies

# Sweetspot

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



B3B3B3



E8E8E8



757575



F5F5F5

# Same Dimension

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



B3B3B3



E8E8E8



595959



990000



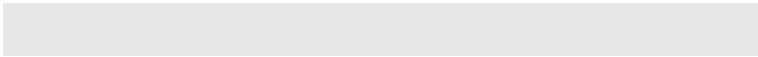
1A0000

# Inverse Universe

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



B3B3B3



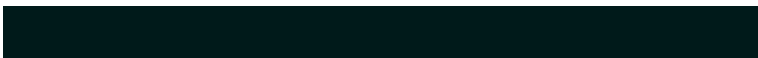
E8E8E8



595959



009999



001A1A

# Previews

## White Background



This preview shows how the Hex color B3B3B3 looks on a white background.

## Color Contrast Check

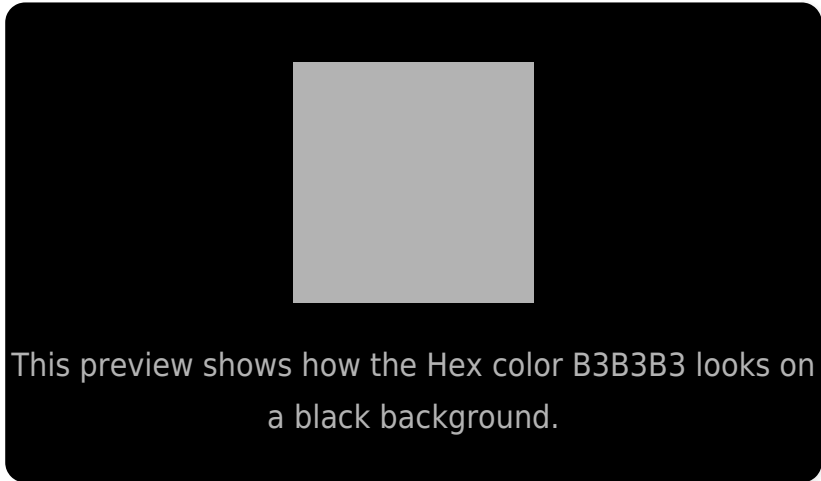
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

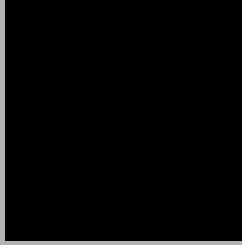
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

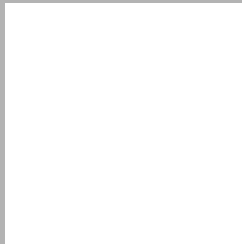
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3B3B3 Background



This preview shows how black text looks on a background with the Hex color B3B3B3.

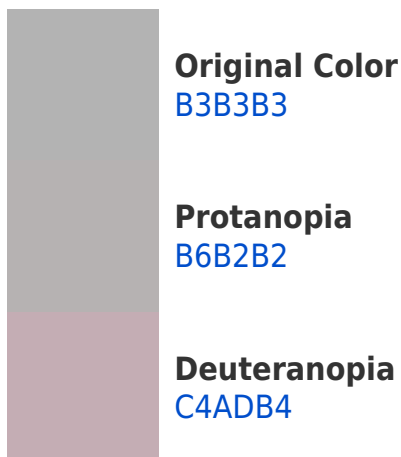


This preview shows how white text looks on a background with the Hex color B3B3B3.

# 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





**Tritanopia**  
B5B1BF

# Trichromacy



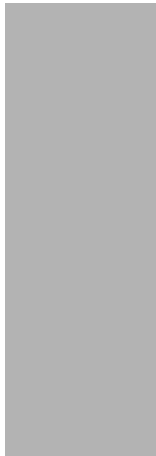
**Original Color**  
B3B3B3

**Protanomaly**  
B5B2B2

**Deuteranomaly**  
BEAFB4

**Tritanomaly**  
B4B2BB

# Monochromacy



**Original Color**  
B3B3B3

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B3B3B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B3B3 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 #B3B3B3 looks like.

```
.text, #text, p{  
    color:#B3B3B3  
}
```

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 #B3B3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B3B3
}
```

## Border

The CSS property to change the border of an element to Hex B3B3B3 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
#B3B3B3 }
```

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

```
.border{ border-color:#B3B3B3 }
```

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

Here you see how a box with a 4 pixel #B3B3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B3B3; -webkit-box-shadow:4px 4px  
4px 4px #B3B3B3; box-shadow:4px 4px 4px  
4px #B3B3B3 }
```

# Background

The CSS property to change the background color of an element to Hex B3B3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B3B3 }
```

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

```
.background{ background-color:#B3B3B3 }
```

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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