

# Converting Colors

Hex(BBBBBB6)

Have a look what the booklet for  
Hex(BBBBB6) contains.

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# **Color**

**Hex(BBBBBB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBBBB6
RGB	187, 187, 182
RGB Percent	73%, 73%, 71%
CMY	0.2667, 0.2667, 0.2863
CMYK	0.00, 0.00, 0.03, 0.27
HSL	60°, 4%, 72%
HSV	60°, 3%, 73%
XYZ	46.7073, 49.4828, 51.3454
YIQ	186.4300, 1.6050, -1.5550

# Conversions

## Conversions Part 2

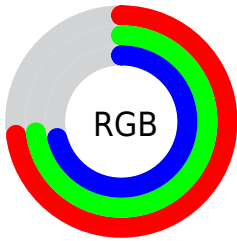
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 187, 182
Decimal	12303286
CIE Lab	75.75, -0.91, 2.52
CIE LCh	76, 2.679, 109.903
Yxy	49.4828, 0.3166, 0.3354
Android (android.graphics.Color)	4290493366 (0xFFBBBBB6)
YUV	186.4300, -2.1840, 0.4999
Hunter-Lab	70.3440, -4.5809, 5.9640

# Details

The Hex color **BBBBB6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B6B6BB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F3F3EE**, and **868681** is the 20% darker color. If you saturate the color by 10%, you get **BBBBA3**, and if you desaturate by 10%, it is **BBBBC9**.

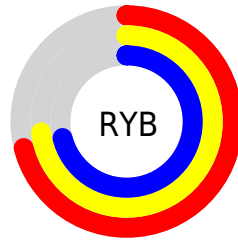
# Distribution



Red (73%)

Green (73%)

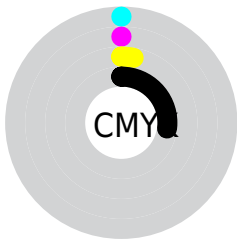
Blue (71%)



Red (71%)

Yellow (73%)

Blue (71%)

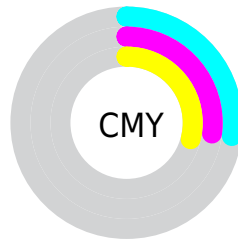


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color `BBBBB6` 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 `BBBBB6` by changing the saturation by 10% instead.



■BBBBB6

■BBBBB6

FFFFFF

■A0A09B

■F3F3EE

■868681

■6D6D68

■545450

■3D3D39

■272824

■13130E

■000000

■BBBBB6

■BBBBB6

 BBBBA3

 BBBBC9

 BBBB91

 BBBBDB

 BBBB7E

 BBBBEE

 BBBB6B

 BBBBFF

 BBBB59

 BBBB46

 BBBB33

 BBBB20

 BBBB0E

# Harmonies

## Analogous

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



BEBAB6



BBBBB6



B8BCB7

# Triad

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



BBBBB6



B5BCBE



BFB9BC

# Complementary

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



BBBBB6



B6B6BB

# 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.



BDBABE



BBBBB6



B7BBBF

# Square

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



BBBB6



B5CBC



BABABF



C0B9B9

# Rectangle

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



BBBBB6



B6BCB9



BABABF



BFB9BC

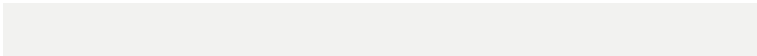


# Sweetspot

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



BBBBB6



F2F2F0



BBB6B6



7A7A79



FAFAFA



7A7A7A



# Same Dimension

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



BBBBB6



F2F2EB



B9BBB6



5E5E5B



9E9E00



1F1F00



# Inverse Universe

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



B6B6BB



EBEBF2



B9B6BB



5B5B5E



00009E



00001F



# Previews

## White Background



This preview shows how the Hex color #BBBBB6 looks on a white background.

## Color Contrast Check

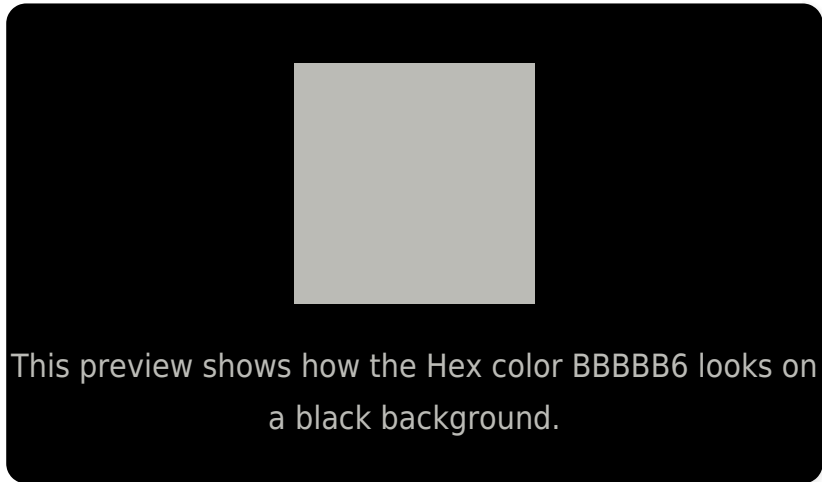
Large Text (above 18pt) WCAG AA × Fail

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

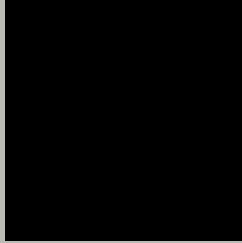
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

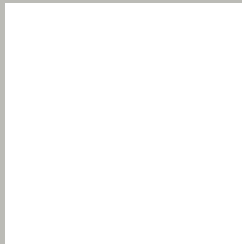
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBBBB6 Background



This preview shows how black text looks on a background with the Hex color BBBBB6.

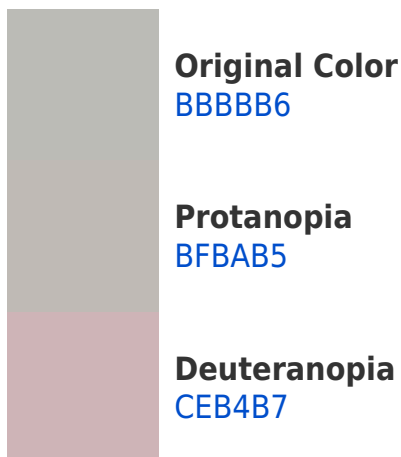


This preview shows how white text looks on a background with the Hex color BBBBB6.

# 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**  
BEB8C7

# Trichromacy



**Original Color**  
BBBBB6

**Protanomaly**  
BEBAB5

**Deuteranomaly**  
C7B7B7

**Tritanomaly**  
BDB9C1

# Monochromacy



**Original Color**  
BBBBB6

**Achromatopsia**  
BABABA

**Achromatomaly**  
BABAB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBBB6 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 #BBBB6 looks like.

```
.text, #text, p{  
    color:#BBBB6  
}
```

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 #BBBBB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBBBB6
}
```

## Border

The CSS property to change the border of an element to Hex BBBBB6 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
#BBBBB6 }
```

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

```
.border{ border-color:#BBBBB6 }
```

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

Here you see how a box with a 4 pixel #BBBBB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBBBB6; -webkit-box-shadow:4px 4px  
4px 4px #BBBBB6; box-shadow:4px 4px 4px  
4px #BBBBB6 }
```

# Background

The CSS property to change the background color of an element to Hex BBBBB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBBBB6 }
```

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

```
.background{ background-color:#BBBBB6 }
```

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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