

# Converting Colors

Hex(B2B6A3)

Have a look what the booklet for  
Hex(B2B6A3) contains.

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# **Color**

**Hex(B2B6A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B6A3
RGB	178, 182, 163
RGB Percent	70%, 71%, 64%
CMY	0.3020, 0.2863, 0.3608
CMYK	0.02, 0.00, 0.10, 0.29
HSL	73°, 12%, 68%
HSV	73°, 10%, 71%
XYZ	41.6989, 45.5652, 41.2475
YIQ	178.6380, 3.7150, -6.7570

# Conversions

## Conversions Part 2

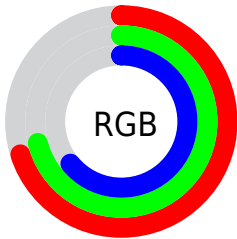
Format	Color
<a href="#">RYB</a>	<a href="#">163, 182, 167</a>
Decimal	<a href="#">11712163</a>
CIELab	<a href="#">73.26, -4.83, 9.19</a>
CIELCh	<a href="#">73, 10.378, 117.715</a>
Yxy	<a href="#">45.5652, 0.3245, 0.3546</a>
Android (android.graphics.Color)	<a href="#">4289902243 (0xFFB2B6A3)</a>
YUV	<a href="#">178.6380, -7.7095, -0.5595</a>
Hunter-Lab	<a href="#">67.5020, -7.8614, 11.0219</a>

# Details

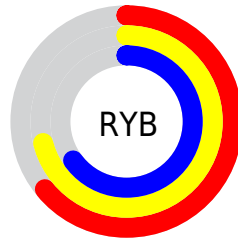
The Hex color **B2B6A3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A7A3B6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EAEEDA**, and **7D816F** is the 20% darker color. If you saturate the color by 10%, you get **AEB691**, and if you desaturate by 10%, it is **B6B6B5**.

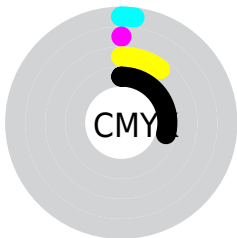
# Distribution



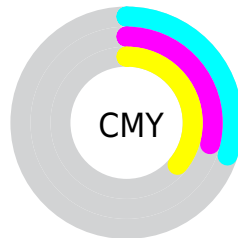
- Red (70%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B6A3 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 B2B6A3 by changing the saturation by 10% instead.





B2B6A3



B2B6A3

FFFFFF



979B89



EAEEDA



7D816F



FFFFF6



646857



4C5040



36392A



202415



060F00



000000



B2B6A3



B2B6A3

 AEB691

 B6B6B5

 AAB67F

 BAB6C7

 A7B66C

 BDB6DA

 A3B65A

 C1B6EC

 9FB648

 C5B6FE

 9BB636

 C9B6FF

 97B624

 CDB6FF

 93B611

 D1B6FF

 90B600

 D4B6FF

# Harmonies

## Analogous

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



BDB3A1



B2B6A3



A7B8A9

# Triad

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



B2B6A3



A0B8C4



C7AEB5

# Complementary

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



B2B6A3



A7A3B6

# 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.



C0AFBE



B2B6A3



A9B5C7

# Square

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



B2B6A3



9CB9BC



B5B2C5



C9AEAB

# Rectangle

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



B2B6A3



A1B9B0



B5B2C5



C5AEB8



# Sweetspot

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



B2B6A3



ECEDE6



B6A7A3



777873



F7F7F7



787878



# Same Dimension

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



B2B6A3



E7EDCE



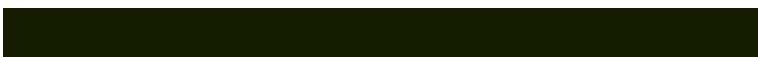
A9B6A3



5A5C53



7B9C00



161C00



# Inverse Universe

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



A7A3B6



D5CEED



B0A3B6



55535C



21009C



06001C



# Previews

## White Background



This preview shows how the Hex color B2B6A3 looks on a white background.

## Color Contrast Check

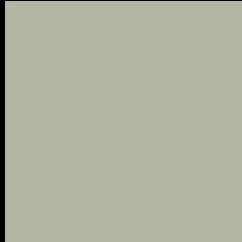
Large Text (above 18pt) WCAG AA × Fail

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 B2B6A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

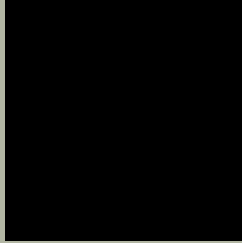
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2B6A3 Background



This preview shows how black text looks on a background with the Hex color B2B6A3.

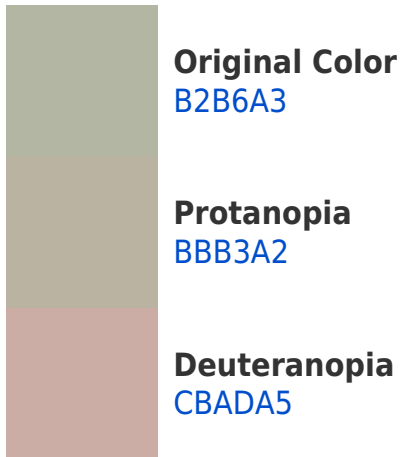


This preview shows how white text looks on a background with the Hex color B2B6A3.

# 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](#).

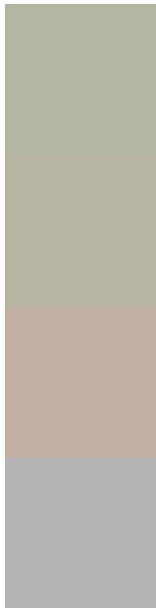
## Dichromacy





**Tritanopia**  
B6B2C0

# Trichromacy



**Original Color**  
B2B6A3

**Protanomaly**  
B8B4A2

**Deuteranomaly**  
C2B0A4

**Tritanomaly**  
B5B3B5

# Monochromacy



**Original Color**  
B2B6A3

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B3B4AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B6A3 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 #B2B6A3 looks like.

```
.text, #text, p{  
    color:#B2B6A3  
}
```

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 #B2B6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B6A3
}
```

## Border

The CSS property to change the border of an element to Hex B2B6A3 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
#B2B6A3 }
```

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

```
.border{ border-color:#B2B6A3 }
```

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

Here you see how a box with a 4 pixel #B2B6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B6A3; -webkit-box-shadow:4px 4px  
4px 4px #B2B6A3; box-shadow:4px 4px 4px  
4px #B2B6A3 }
```

# Background

The CSS property to change the background color of an element to Hex B2B6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B6A3 }
```

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

```
.background{ background-color:#B2B6A3 }
```

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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