

# Converting Colors

Hex(B2B057)

Have a look what the booklet for  
Hex(B2B057) contains.

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**Color**

**Hex(B2B057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B057
RGB	178, 176, 87
RGB Percent	70%, 69%, 34%
CMY	0.3020, 0.3098, 0.6588
CMYK	0.00, 0.01, 0.51, 0.30
HSL	59°, 37%, 52%
HSV	59°, 51%, 70%
XYZ	35.6057, 41.2038, 15.0933
YIQ	166.4520, 29.7610, -27.2550

# Conversions

## Conversions Part 2

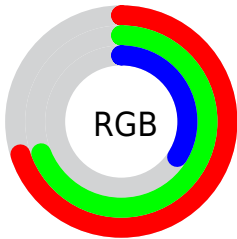
Format	Color
<a href="#">RYB</a>	<a href="#">89, 178, 87</a>
Decimal	<a href="#">11710551</a>
CIELab	<a href="#">70.32, -11.62, 45.32</a>
CIELCh	<a href="#">70, 46.785, 104.387</a>
Yxy	<a href="#">41.2038, 0.3874, 0.4483</a>
Android (android.graphics.Color)	<a href="#">4289900631 (0xFFB2B057)</a>
YUV	<a href="#">166.4520, -39.1698, 10.1276</a>
Hunter-Lab	<a href="#">64.1902, -13.3204, 30.9920</a>

# Details

The Hex color **B2B057** is a light color, and the websafe version is hex **999933**. A complement of this color would be **5759B2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EBE78B**, and **7B7C24** is the 20% darker color. If you saturate the color by 10%, you get **B2B045**, and if you desaturate by 10%, it is **B2B069**.

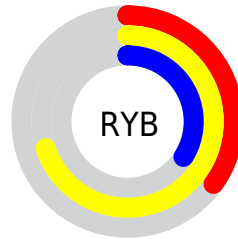
# Distribution



Red (70%)

Green (69%)

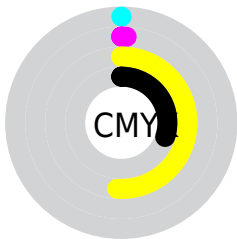
Blue (34%)



Red (35%)

Yellow (70%)

Blue (34%)

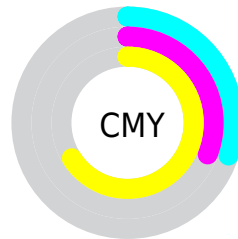


Cyan (0%)

Magenta (1%)

Yellow (51%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B057 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 B2B057 by changing the saturation by 10% instead.



 B2B057

 B2B057

FFFFFF

 96953E

 EBE78B

 7B7C24

 FFFFA6

 616306

 FFFFC2

 474B00

 FFFFDE

 2E3500

 FFFFFB

 162000

 000200

 000000

 B2B057

 B2B057

 B2B045

 B2B069

 B2AF33

 B2B17B

 B2AF22

 B2B18C

 B2AE10

 B2B29E

 B2AE00

 B2B2B0

 B2B2C2

 B2B3D4

 B2B3E5

 B2B4F7

# Harmonies

## Analogous

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



D9A259



B2B057



83BA6D

# Triad

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



B2B057



00BFE6



F08CC4

# Complementary

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



B2B057



5759B2

# 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.



CA99E9



B2B057



23B7FD

# Square

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



B2B057



00C2C0



8CA9FE



FD8999

# Rectangle

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



B2B057



5CBF86



8CA9FE



E68FD2



# Sweetspot

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



B2B057



E8E7C5



B2575A



757560



F5F5F5



757575



# Same Dimension

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



B2B057



E8E55A



88B257



595950



999600



1A1900



# Inverse Universe

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



5759B2



5A5EE8



8157B2



505159



000399



00011A



# Previews

## White Background



This preview shows how the Hex color B2B057 looks on a white background.

## Color Contrast Check

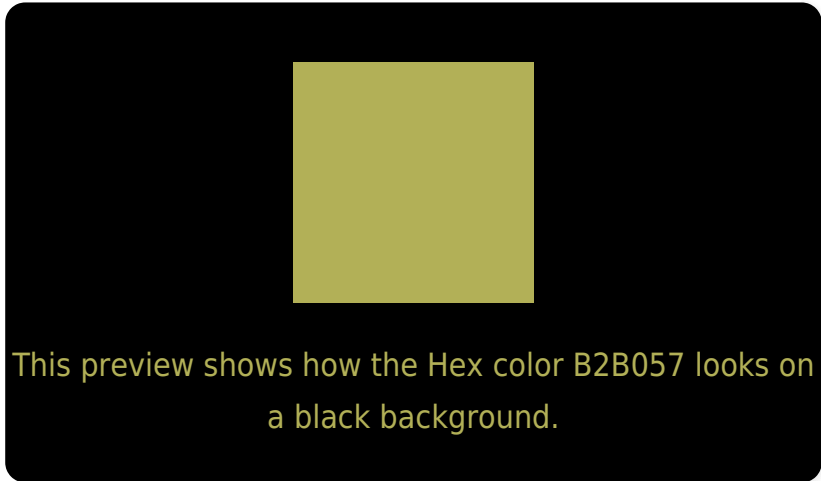
Large Text (above 18pt) WCAG AA × Fail

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

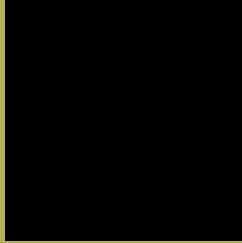
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2B057 Background



This preview shows how black text looks on a background with the Hex color B2B057.

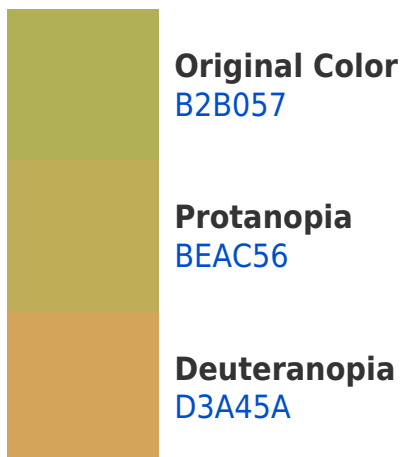


This preview shows how white text looks on a background with the Hex color B2B057.

# Color Blindness Simulation

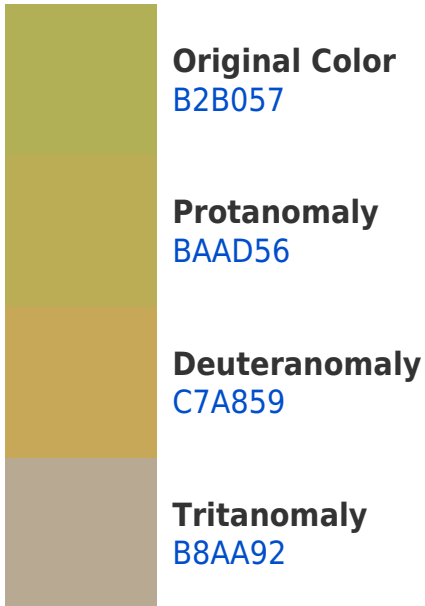
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

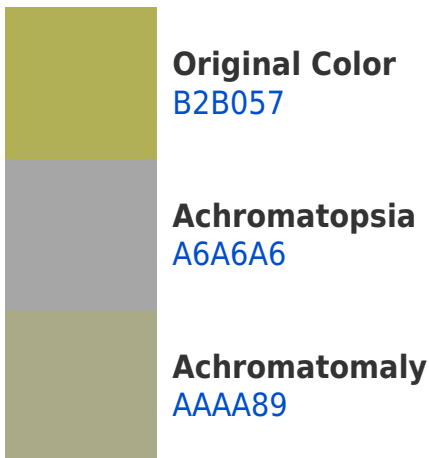




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B057 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 #B2B057 looks like.

```
.text, #text, p{  
    color:#B2B057  
}
```

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 #B2B057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B057
}
```

## Border

The CSS property to change the border of an element to Hex B2B057 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
#B2B057 }
```

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

```
.border{ border-color:#B2B057 }
```

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

Here you see how a box with a 4 pixel #B2B057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B057; -webkit-box-shadow:4px 4px  
4px 4px #B2B057; box-shadow:4px 4px 4px  
4px #B2B057 }
```

# Background

The CSS property to change the background color of an element to Hex B2B057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B057 }
```

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

```
.background{ background-color:#B2B057 }
```

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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