

Converting Colors

Hex(BBB052)

Have a look what the booklet for
Hex(BBB052) contains.

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Color

Hex(BBB052)

Conversions

Conversions Part 1

Format	Color
Hex	BBB052
RGB	187, 176, 82
RGB Percent	73%, 69%, 32%
CMY	0.2667, 0.3098, 0.6784
CMYK	0.00, 0.06, 0.56, 0.27
HSL	54°, 44%, 53%
HSV	54°, 56%, 73%
XYZ	37.5418, 42.2247, 14.1542
YIQ	168.5730, 36.7300, -26.9020

Conversions

Conversions Part 2

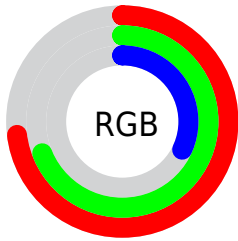
Format	Color
RYB	94, 187, 82
Decimal	12300370
CIELab	71.03, -8.25, 48.73
CIELCh	71, 49.424, 99.614
Yxy	42.2247, 0.3997, 0.4496
Android (android.graphics.Color)	4290490450 (0xFFBBB052)
YUV	168.5730, -42.6805, 16.1605
Hunter-Lab	64.9805, -10.5893, 32.5717

Details

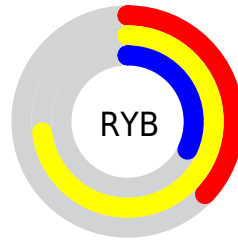
The Hex color **BBB052** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **525DBB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F5E786**, and **837C1E** is the 20% darker color. If you saturate the color by 10%, you get **BBAE3F**, and if you desaturate by 10%, it is **BBB265**.

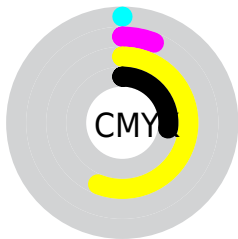
Distribution



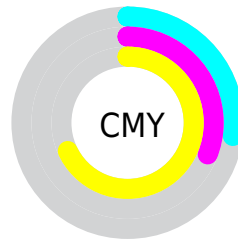
- Red (73%)
- Green (69%)
- Blue (32%)



- Red (37%)
- Yellow (73%)
- Blue (32%)



- Cyan (0%)
- Magenta (6%)
- Yellow (56%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB052 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 BBB052 by changing the saturation by 10% instead.

 BBB052

 BBB052

FFFFFF

 9F9538

 F5E786

 837C1E

 FFFFA1

 686300

 FFFFBD

 4E4B00

 FFFFD9

 353500

 FFFFF6

 1C2000

 000700

 000000

 BBB052

 BBB052

■ BBAE3F

■ BBB265

■ BBAC2D

■ BBB477

■ BBAA1A

■ BBB68A

■ BBA807

■ BBB89D

■ BBA700

■ BBBAB0

■ BBBCC2

■ BBBED5

■ BBC0E8

■ BBC2FA

Harmonies

Analogous

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



E2A059



BBB052



8ABC66

Triad

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



BBB052



00C3E6



F18DCE

Complementary

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



BBB052



525DBB

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.



C59CF3



BBB052



00BBFF

Square

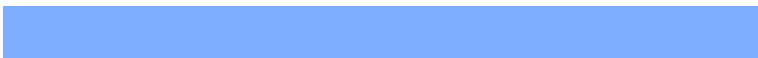
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BBB052



00C5BB



7DAEFF



FF88A1

Rectangle

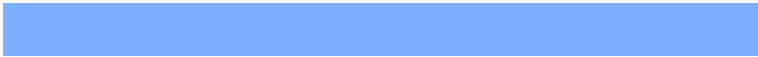
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBB052



63C17F



7DAEFF



E591DC

Sweetspot

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



BBB052



F2EEC9



BB525E



7A7862



FAFAFA



7A7A7A

Same Dimension

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



BBB052



F2E150



93BB52



5E5D55



9E8E00



1F1B00

Inverse Universe

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



525DBB



5061F2



7A52BB



55565E



00119E



00031F

Previews

White Background



This preview shows how the Hex color BBB052 looks on a white background.

Color Contrast Check

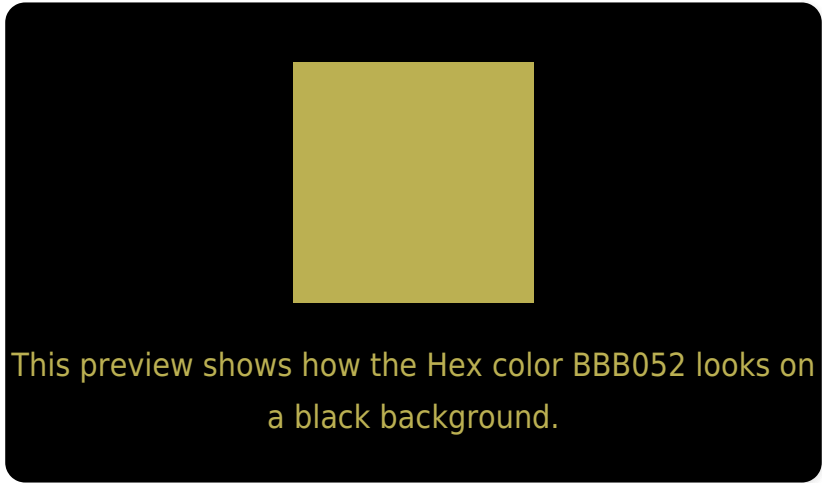
Large Text (above 18pt) WCAG AA × Fail

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 BBB052 Background



This preview shows how black text looks on a background with the Hex color BBB052.



This preview shows how white text looks on a background with the Hex color BBB052.

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
BBB052

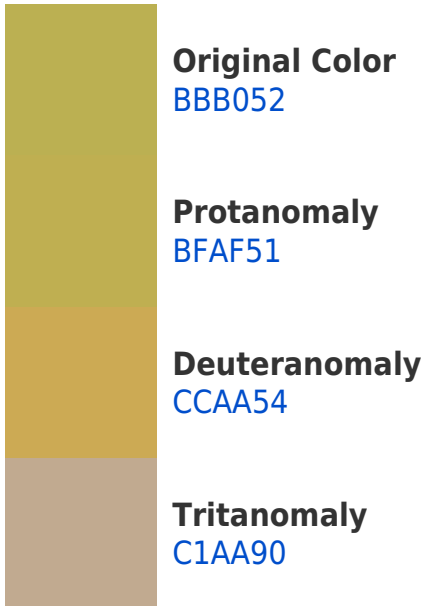
Protanopia
C1AE51

Deuteranopia
D6A655

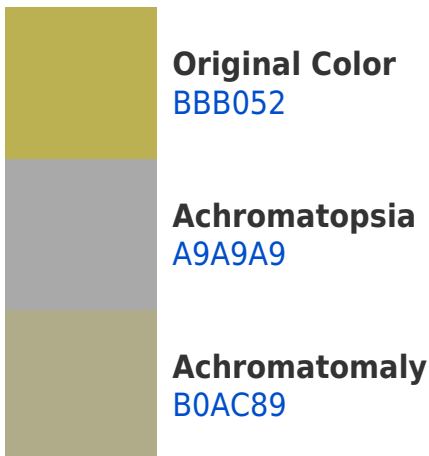


Tritanopia
C4A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBB052 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 #BBB052 looks like.

```
.text, #text, p{  
    color:#BBB052  
}
```

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 #BBB052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB052
}
```

Border

The CSS property to change the border of an element to Hex BBB052 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
#BBB052 }
```

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

```
.border{ border-color:#BBB052 }
```

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

Here you see how a box with a 4 pixel #BBB052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB052; -webkit-box-shadow:4px 4px  
4px 4px #BBB052; box-shadow:4px 4px 4px  
4px #BBB052 }
```

Background

The CSS property to change the background color of an element to Hex BBB052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB052 }
```

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

```
.background{ background-color:#BBB052 }
```

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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