

Converting Colors

Hex(BBB52F)

Have a look what the booklet for
Hex(BBB52F) contains.

Hex(BBB52F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BBB52F)

Conversions

Conversions Part 1

Format	Color
Hex	BBB52F
RGB	187, 181, 47
RGB Percent	73%, 71%, 18%
CMY	0.2667, 0.2902, 0.8157
CMYK	0.00, 0.03, 0.75, 0.27
HSL	57°, 60%, 46%
HSV	57°, 75%, 73%
XYZ	37.5305, 43.8178, 9.1689
YIQ	167.5180, 46.5900, -40.4020

Conversions

Conversions Part 2

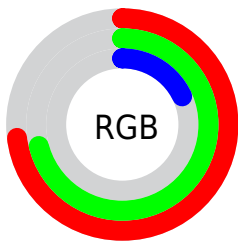
Format	Color
RYB	53, 187, 47
Decimal	12301615
CIELab	72.11, -12.95, 64.24
CIELCh	72, 65.537, 101.397
Yxy	43.8178, 0.4146, 0.4841
Android (android.graphics.Color)	4290491695 (0xFFBBB52F)
YUV	167.5180, -59.4154, 17.0857
Hunter-Lab	66.1950, -14.6374, 38.1240

Details

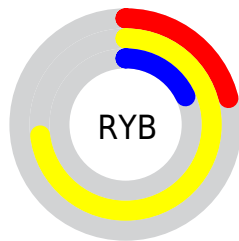
The Hex color **BBB52F** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2F35BB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F6ED67**, and **828100** is the 20% darker color. If you saturate the color by 10%, you get **BBB41C**, and if you desaturate by 10%, it is **BBB642**.

Distribution



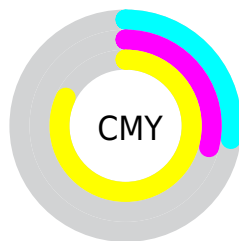
- Red (73%)
- Green (71%)
- Blue (18%)



- Red (21%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (3%)
- Yellow (75%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB52F 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 BBB52F by changing the saturation by 10% instead.



BBB52F



BBB52F

FFFFFF



9E9A08



F6ED67



828100



FFFF83



666800



FFFF9F



4C5000



FFFFBB



313900



FFFD8



182400



FFFFF5



000E00



000000



BBB52F



BBB52F

 BBB41C

 BBB642

 BBB30A

 BBB754

 BBB300

 BBB767

 BBB87A

 BBB98D

 BBBA9F

 BBBBB2

 BBBBC5

 BBBCD7

Harmonies

Analogous

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



EFA03A



BBB52F



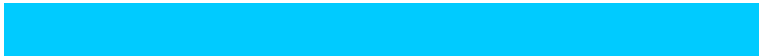
79C351

Triad

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



BBB52F



00CBFF



FF80D8

Complementary

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



BBB52F



2F35BB

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.



D297FF



BBB52F



00C2FF

Square

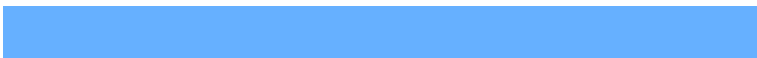
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BBB52F



00CEC7



66B0FF



FF799C

Rectangle

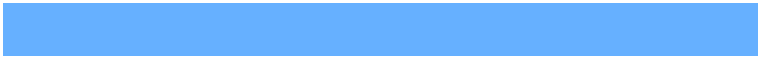
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBB52F



32C975



66B0FF



FC87EB

Sweetspot

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



BBB52F



F2F0BD



BB2F36



7A795B



FAFAFA



7A7A7A

Same Dimension

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



BBB52F



F2E918



7CBB2F



5E5E55



9E9700



1F1D00

Inverse Universe

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



2F35BB



1822F2



6E2FBB



55555E



00079E



00011F

Previews

White Background



This preview shows how the Hex color BBB52F looks on a white background.

Color Contrast Check

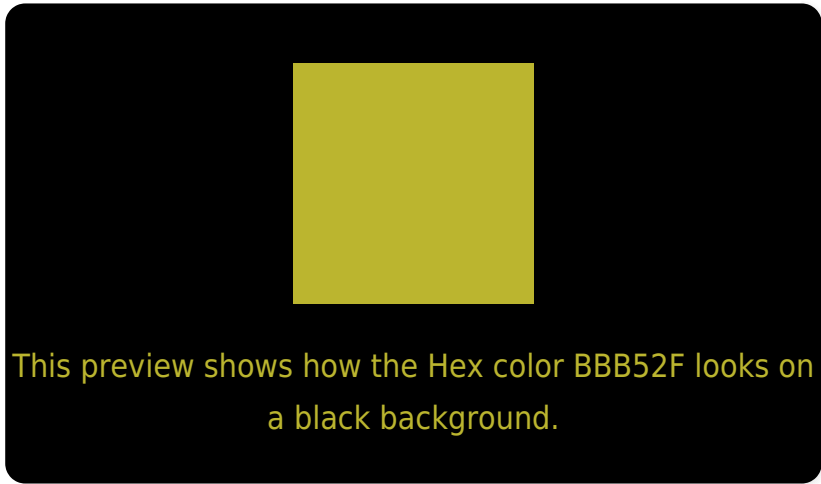
Large Text (above 18pt) WCAG AA × Fail

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 BBB52F Background



This preview shows how black text looks on a background with the Hex color BBB52F.



This preview shows how white text looks on a background with the Hex color BBB52F.

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
BBB52F

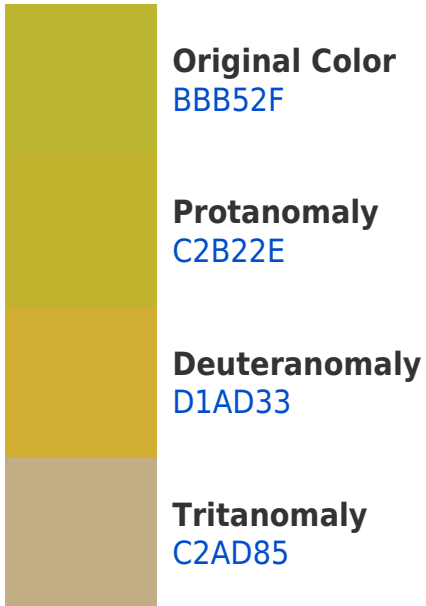
Protanopia
C6B12E

Deuteranopia
DEA835



Tritanopia
C6A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBB52F 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 #BBB52F looks like.

```
.text, #text, p{  
    color:#BBB52F  
}
```

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 #BBB52F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB52F
}
```

Border

The CSS property to change the border of an element to Hex BBB52F 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
#BBB52F }
```

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

```
.border{ border-color:#BBB52F }
```

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

Here you see how a box with a 4 pixel #BBB52F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB52F; -webkit-box-shadow:4px 4px  
4px 4px #BBB52F; box-shadow:4px 4px 4px  
4px #BBB52F }
```

Background

The CSS property to change the background color of an element to Hex BBB52F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB52F }
```

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

```
.background{ background-color:#BBB52F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor