

Converting Colors

Hex(BBF462)

Have a look what the booklet for
Hex(BBF462) contains.

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Color

Hex(BBF462)

Conversions

Conversions Part 1

Format	Color
Hex	BBF462
RGB	187, 244, 98
RGB Percent	73%, 96%, 38%
CMY	0.2667, 0.0431, 0.6157
CMYK	0.23, 0.00, 0.60, 0.04
HSL	83°, 87%, 67%
HSV	83°, 60%, 96%
XYZ	55.0488, 76.1480, 23.3519
YIQ	210.3130, 12.8940, -57.4900

Conversions

Conversions Part 2

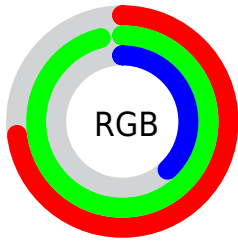
Format	Color
R _Y B	98, 244, 155
Decimal	12317794
CIE Lab	89.93, -39.81, 62.92
CIE LCh	90, 74.454, 122.320
Yxy	76.1480, 0.3562, 0.4927
Android (android.graphics.Color)	4290507874 (0xFFBBF462)
YUV	210.3130, -55.3703, -20.4455
Hunter-Lab	87.2628, -40.1052, 45.2177

Details

The Hex color **BBF462** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9B62F4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F6FF99**, and **82BB28** is the 20% darker color. If you saturate the color by 10%, you get **B1F44A**, and if you desaturate by 10%, it is **C5F47A**.

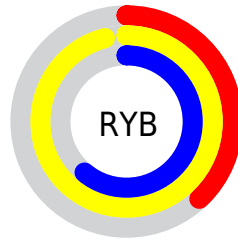
Distribution



Red (73%)

Green (96%)

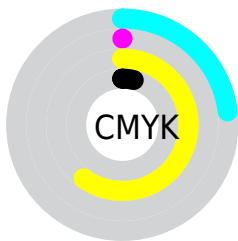
Blue (38%)



Red (38%)

Yellow (96%)

Blue (61%)

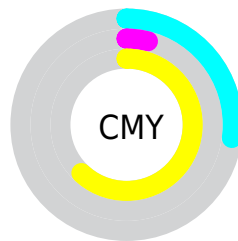


Cyan (23%)

Magenta (0%)

Yellow (60%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBF462 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 BBF462 by changing the saturation by 10% instead.

 BBF462

 BBF462

FFFFFF

 9ED746

 F6FF99

 82BB28

 FFFFB6

 66A000

 FFFFD2

 4A8600

 FFFFF0

 2D6C00

 075300

 003C00

 002700

 000000

 BBF462

 BBF462

 B1F44A

 C5F47A

 A8F431

 CEF493

 9EF419

 D8F4AB

 95F400

 E1F4C4

 EBF4DC

 F4F4F4

 FEF4FF

 FFF4FF

Harmonies

Analogous

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



FFE049



BBF462



4FFF9D

Triad

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



BBF462



00FBFF



FFA1E0

Complementary

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



BBF462



9B62F4

Split Complementary

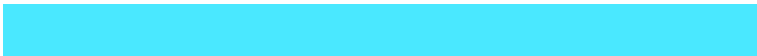
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0FF



BBF462



4AE8FF

Square

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



BBF462



00FFFF



ECCDFE



FFAC9A

Rectangle

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



BBF462



00FFCD



ECCDFE



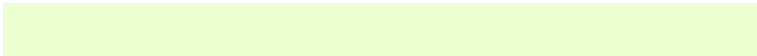
FFA4F8

Sweetspot

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



BBF462



EDFFD1



F49A62



758063



000000



808080

Same Dimension

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



BBF462



B7FF47



73F462



767A6E



71BA00



243B00

Inverse Universe

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



9B62F4



8F47FF



E362F4



736E7A



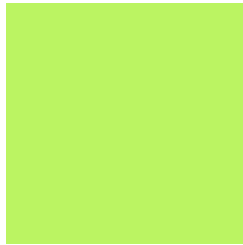
4900BA



17003B

Previews

White Background



This preview shows how the Hex color BBF462 looks on a white background.

Color Contrast Check

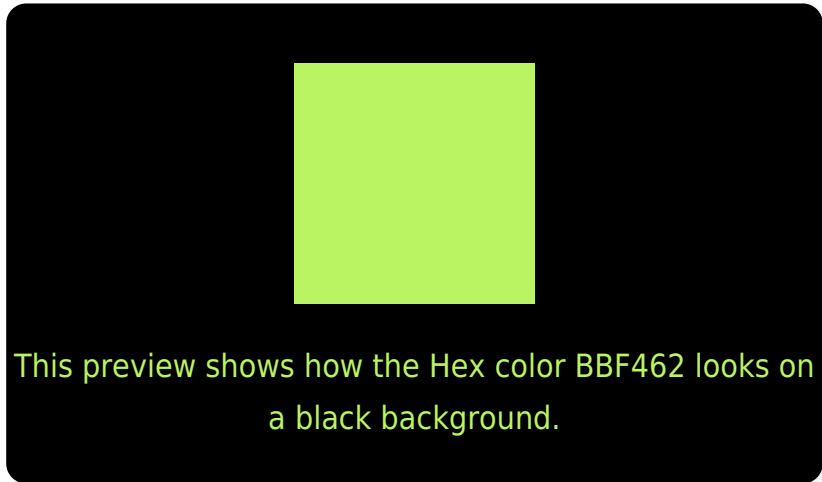
Large Text (above 18pt) WCAG AA × Fail

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 BBF462 Background



This preview shows how black text looks on a background with the Hex color BBF462.

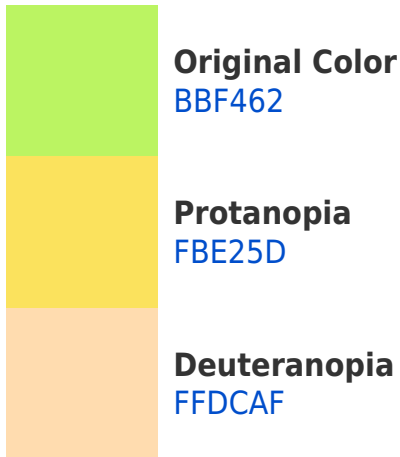


This preview shows how white text looks on a background with the Hex color BBF462.

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](#).

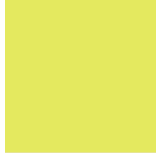
Dichromacy



Trichromacy



Original Color
BBF462



Protanomaly
E4E95F



Deuteranomaly
E6E593

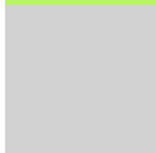


Tritanomaly
C7EAC1

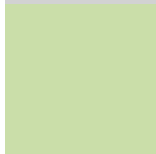
Monochromacy



Original Color
BBF462



Achromatopsia
D2D2D2



Achromatomaly
CADEA9

CSS Examples

Text

The CSS property to change the color of the text to Hex BBF462 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 #BBF462 looks like.

```
.text, #text, p{  
    color:#BBF462  
}
```

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 #BBF462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBF462
}
```

Border

The CSS property to change the border of an element to Hex BBF462 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
#BBF462 }
```

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

```
.border{ border-color:#BBF462 }
```

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

Here you see how a box with a 4 pixel #BBF462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBF462; -webkit-box-shadow:4px 4px  
4px 4px #BBF462; box-shadow:4px 4px 4px  
4px #BBF462 }
```

Background

The CSS property to change the background color of an element to Hex BBF462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBF462 }
```

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

```
.background{ background-color:#BBF462 }
```

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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