

Converting Colors

Hex(B3F092)

Have a look what the booklet for
Hex(B3F092) contains.

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Color

Hex(B3F092)

Conversions

Conversions Part 1

Format	Color
Hex	B3F092
RGB	179, 240, 146
RGB Percent	70%, 94%, 57%
CMY	0.2980, 0.0588, 0.4275
CMYK	0.25, 0.00, 0.39, 0.06
HSL	99°, 76%, 76%
HSV	99°, 39%, 94%
XYZ	54.9388, 73.9792, 38.5780
YIQ	211.0450, -6.1820, -42.1660

Conversions

Conversions Part 2

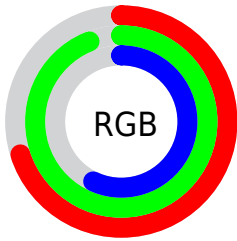
Format	Color
RYB	146, 240, 207
Decimal	11792530
CIELab	88.91, -35.71, 39.36
CIELCh	89, 53.145, 132.213
Yxy	73.9792, 0.3280, 0.4417
Android (android.graphics.Color)	4289982610 (0xFFB3F092)
YUV	211.0450, -32.0672, -28.1035
Hunter-Lab	86.0112, -36.5044, 33.6149

Details

The Hex color **B3F092** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CF92F0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **ECFFC9**, and **7CB85E** is the 20% darker color. If you saturate the color by 10%, you get **A3F07A**, and if you desaturate by 10%, it is **C3F0AA**.

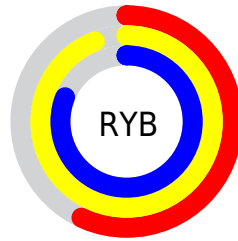
Distribution



Red (70%)

Green (94%)

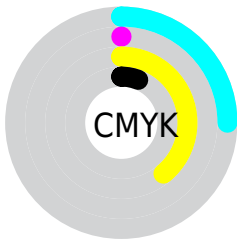
Blue (57%)



Red (57%)

Yellow (94%)

Blue (81%)

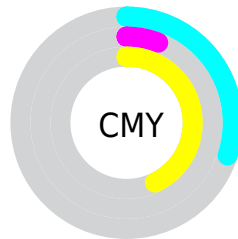


Cyan (25%)

Magenta (0%)

Yellow (39%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3F092 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 B3F092 by changing the saturation by 10% instead.

 B3F092

 B3F092

FFFFFF

 97D378

 ECFFC9

 7CB85E

 FFFF E5

 619C45

 47822C

 2C6912

 0D5000

 003800

 002400

 000000

 B3F092

 B3F092

 A3F07A

 C3F0AA

 94F062

 D2F0C2

 84F04A

 E2F0DA

 75F032

 F1F0F2

 65F01A

 FFF0FF

 56F002

 54F000

Harmonies

Analogous

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



EBE37A



B3F092



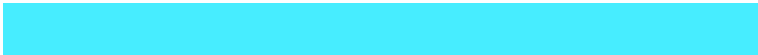
6EF8BF

Triad

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



B3F092



47EDFF



FFB7CC

Complementary

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



B3F092



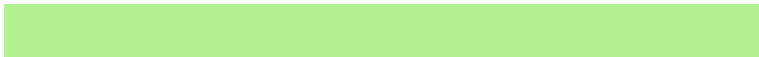
CF92F0

Split Complementary

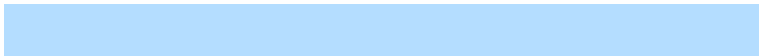
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBFF



B3F092



B4DDFF

Square

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



B3F092



00F7FF



FFCAFF



FFC09E

Rectangle

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



B3F092



1FFAE2



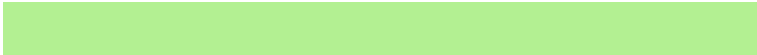
FFCAFF



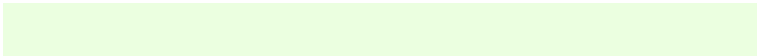
FFB6DD

Sweetspot

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



B3F092



EBFFE0



F0CE92



74806E



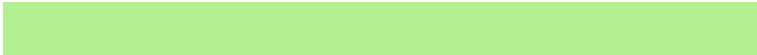
000000



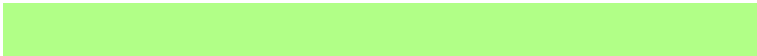
808080

Same Dimension

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



B3F092



B1FF87



92F09F



70786C



40B800



143800

Inverse Universe

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



CF92F0



D587FF



F092E3



746C78



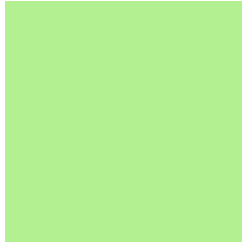
7700B8



240038

Previews

White Background



This preview shows how the Hex color B3F092 looks on a white background.

Color Contrast Check

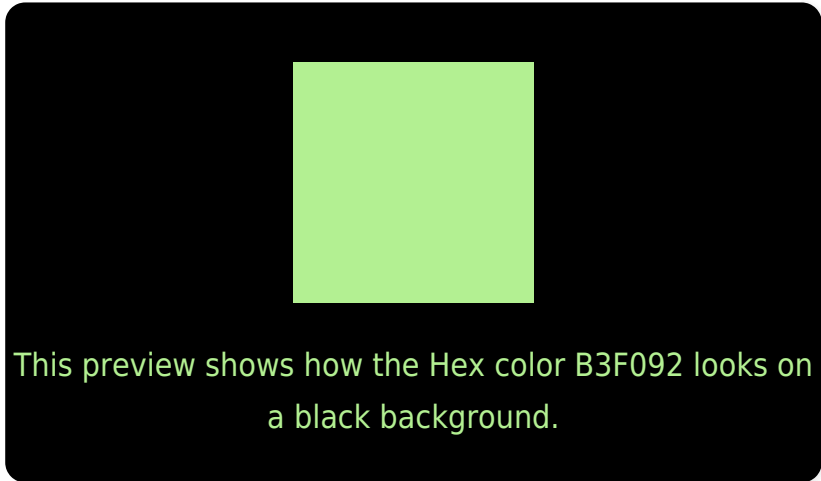
Large Text (above 18pt) WCAG AA × Fail

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

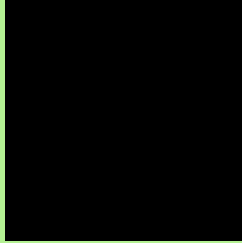
Any Text WCAG AA ✓ Pass

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 B3F092 Background



This preview shows how black text looks on a background with the Hex color B3F092.

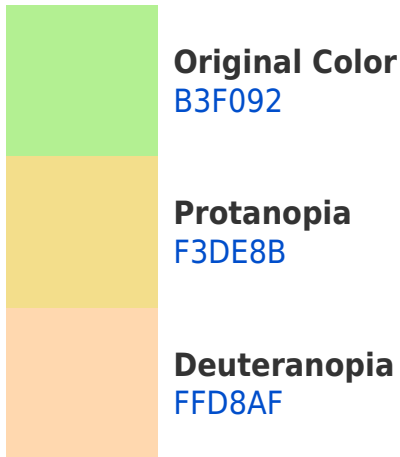


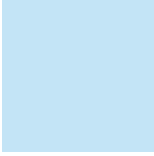
This preview shows how white text looks on a background with the Hex color B3F092.

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
C3E4F6

Trichromacy



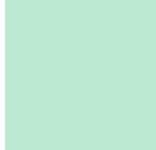
Original Color
B3F092



Protanomaly
DCE58E



Deuteranomaly
E3E1A4

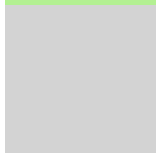


Tritanomaly
BDE8D2

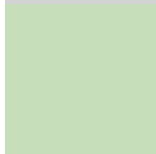
Monochromacy



Original Color
B3F092



Achromatopsia
D3D3D3



Achromatomaly
C7DEBB

CSS Examples

Text

The CSS property to change the color of the text to Hex B3F092 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 #B3F092 looks like.

```
.text, #text, p{  
    color:#B3F092  
}
```

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 #B3F092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3F092
}
```

Border

The CSS property to change the border of an element to Hex B3F092 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
#B3F092 }
```

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

```
.border{ border-color:#B3F092 }
```

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

Here you see how a box with a 4 pixel #B3F092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3F092; -webkit-box-shadow:4px 4px  
4px 4px #B3F092; box-shadow:4px 4px 4px  
4px #B3F092 }
```

Background

The CSS property to change the background color of an element to Hex B3F092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3F092 }
```

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

```
.background{ background-color:#B3F092 }
```

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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