

# Converting Colors

Hex(BDF7A1)

Have a look what the booklet for  
Hex(BDF7A1) contains.

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# Color

Hex(**BDF7A1**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BDF7A1
RGB	189, 247, 161
RGB Percent	74%, 97%, 63%
CMY	0.2588, 0.0314, 0.3686
CMYK	0.23, 0.00, 0.35, 0.03
HSL	100°, 84%, 80%
HSV	100°, 35%, 97%
XYZ	60.6801, 79.9136, 45.9449
YIQ	219.8540, -6.9620, -39.0420

# Conversions

## Conversions Part 2

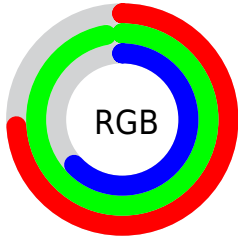
Format	Color
<a href="#">RYB</a>	<a href="#">161, 247, 219</a>
Decimal	<a href="#">12449697</a>
CIELab	<a href="#">91.65, -33.46, 35.59</a>
CIELCh	<a href="#">92, 48.845, 133.236</a>
Yxy	<a href="#">79.9136, 0.3253, 0.4284</a>
Android (android.graphics.Color)	<a href="#">4290639777</a> ( <a href="#">0xFFBDF7A1</a> )
YUV	<a href="#">219.8540, -29.0150, -27.0590</a>
Hunter-Lab	<a href="#">89.3944, -35.2761, 32.1035</a>

# Details

The Hex color **BDF7A1** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DBA1F7**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F6FFD8**, and **86BE6C** is the 20% darker color. If you saturate the color by 10%, you get **ACF788**, and if you desaturate by 10%, it is **CEF7BA**.

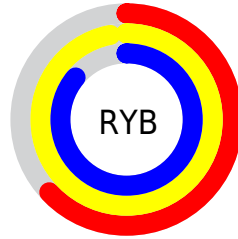
# Distribution



Red (74%)

Green (97%)

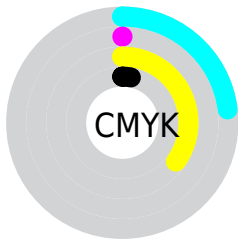
Blue (63%)



Red (63%)

Yellow (97%)

Blue (86%)

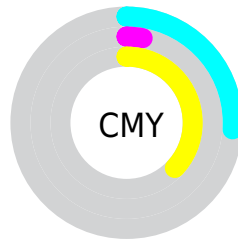


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (3%)



Cyan (26%)

Magenta (3%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDF7A1 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 BDF7A1 by changing the saturation by 10% instead.



 BDF7A1

 BDF7A1

FFFFFF

 A1DA86

 F6FFD8

 86BE6C

 FFFFF5

 6BA353

 51893B

 376F23

 1C5608

 003E00

 002800

 000B00

 BDF7A1

 BDF7A1

 ACF788

 CEF7BA

 9CF770

 DEF7D2

 8BF757

 EFF7EB

 7AF73E

 FFF7FF

 6AF725

 59F70D

 50F700

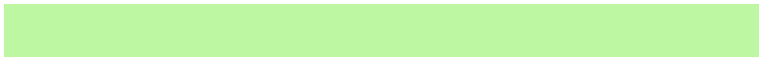
# Harmonies

## Analogous

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



F1EB8A



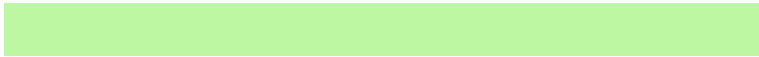
BDF7A1



81FECA

# Triad

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



BDF7A1



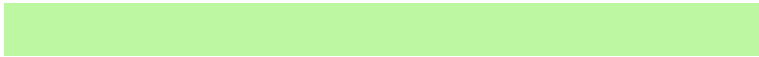
71F3FF



FFC3D4

# Complementary

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



BDF7A1



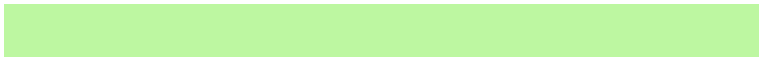
DBA1F7

# Split Complementary

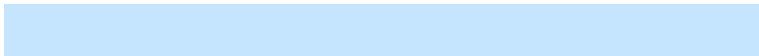
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



BDF7A1



C5E5FF

# Square

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



BDF7A1



00DFF



FFD3FF



FFCBA9

# Rectangle

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



BDF7A1



51FFEB



FFD3FF

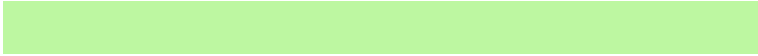


FFC2E4



# Sweetspot

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



BDF7A1



EEFFE6



F7DAA1



758070



000000

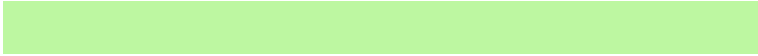


808080



# Same Dimension

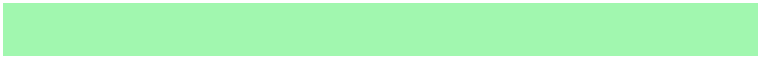
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF7A1



B7FF94



A1F7AF



727A6E



3DBA00



133B00



# Inverse Universe

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



DBA1F7



DC94FF



F7A1E9



766E7A



7E00BA

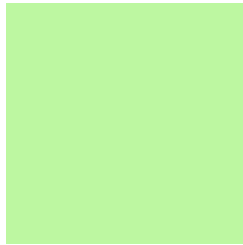


28003B



# Previews

## White Background



This preview shows how the Hex color BDF7A1 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



This preview shows how the Hex color BDF7A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

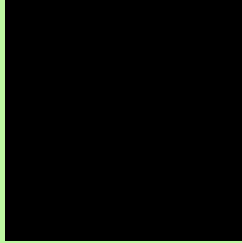
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDF7A1 Background



This preview shows how black text looks on a background with the Hex color BDF7A1.

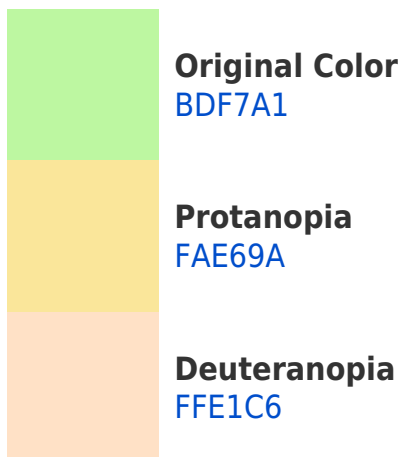


This preview shows how white text looks on a background with the Hex color BDF7A1.

# 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

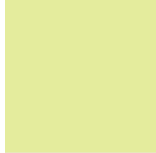




# Trichromacy



**Original Color**  
BDF7A1



**Protanomaly**  
E4EC9D



**Deuteranomaly**  
E7E9B9

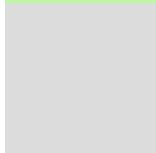


**Tritanomaly**  
C7EFDC

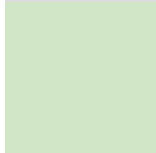
# Monochromacy



**Original Color**  
BDF7A1



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
D1E6C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDF7A1 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 #BDF7A1 looks like.

```
.text, #text, p{  
    color:#BDF7A1  
}
```

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 #BDF7A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF7A1  
}
```

## Border

The CSS property to change the border of an element to Hex BDF7A1 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  
#BDF7A1 }
```

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

```
.border{ border-color:#BDF7A1 }
```

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

Here you see how a box with a 4 pixel #BDF7A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF7A1; -webkit-box-shadow:4px 4px  
4px 4px #BDF7A1; box-shadow:4px 4px 4px  
4px #BDF7A1 }
```

# Background

The CSS property to change the background color of an element to Hex BDF7A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF7A1 }
```

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

```
.background{ background-color:#BDF7A1 }
```

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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