

Converting Colors

Hex(B0F6D4)

Have a look what the booklet for
Hex(B0F6D4) contains.

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Color

Hex(B0F6D4)

Conversions

Conversions Part 1

Format	Color
Hex	B0F6D4
RGB	176, 246, 212
RGB Percent	69%, 96%, 83%
CMY	0.3098, 0.0353, 0.1686
CMYK	0.28, 0.00, 0.14, 0.04
HSL	151°, 80%, 83%
HSV	151°, 28%, 96%
XYZ	62.7439, 79.8951, 74.4017
YIQ	221.1940, -30.8060, -25.4140

Conversions

Conversions Part 2

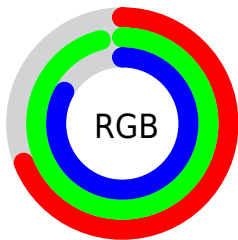
Format	Color
R _{YB}	176, 222, 246
Decimal	11597524
CIE Lab	91.64, -28.60, 9.42
CIE LCh	92, 30.109, 161.761
Yxy	79.8951, 0.2891, 0.3681
Android (android.graphics.Color)	4289787604 (0xFFB0F6D4)
YUV	221.1940, -4.5326, -39.6351
Hunter-Lab	89.3841, -31.1225, 13.2169

Details

The Hex color **B0F6D4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F6B0D2**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **E9FFFF**, and **7ABD9D** is the 20% darker color. If you saturate the color by 10%, you get **97F6C8**, and if you desaturate by 10%, it is **C9F6E0**.

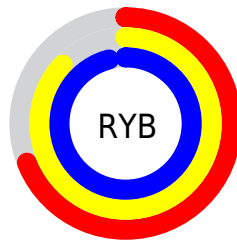
Distribution



Red (69%)

Green (96%)

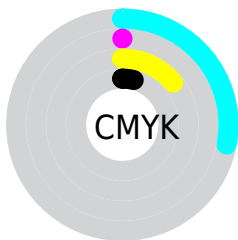
Blue (83%)



Red (69%)

Yellow (87%)

Blue (96%)

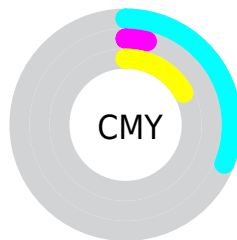


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F6D4 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 B0F6D4 by changing the saturation by 10% instead.

 B0F6D4

FFFFFF

 E9FFFF

 B0F6D4

 94D9B8

 7ABD9D

 5FA283

 45886A

 2B6E52

 0B553B

 003E25

 002711

 000B00

 B0F6D4

 B0F6D4

 97F6C8

 C9F6E0

 7FF6BC

 E1F6EC

 66F6B0

 FAF6F8

 4EF6A4

 FFF6FF

 35F698

 1CF68C

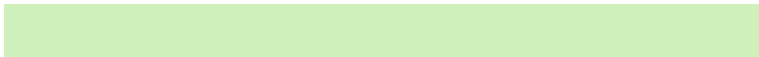
 04F680

 00F67F

Harmonies

Analogous

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



D0F1BB



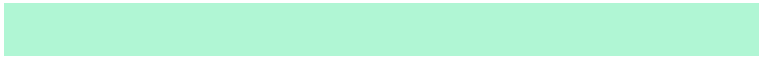
B0F6D4



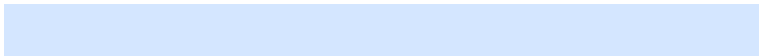
98F7F2

Triad

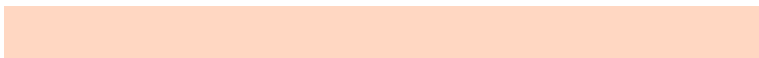
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B0F6D4



D4E6FF



FFD7C2

Complementary

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



B0F6D4



F6B0D2

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.



FFD2DC



B0F6D4



FADCFE

Square

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



B0F6D4



ADEFFF



FFD4FA



FFDFB1

Rectangle

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



B0F6D4



93F6FF



FFD4FA



FFD5CA

Sweetspot

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



B0F6D4



E8FFF4



D3F6B0



718079



000000



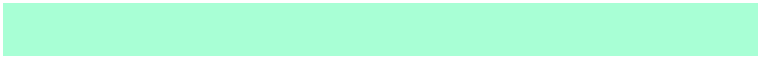
808080

Same Dimension

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



B0F6D4



A8FFD5



B0F6F6



6E7A74



00BA60



003B1E

Inverse Universe

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



F6B0D2



FFA8D2



F6B0B0



7A6E74



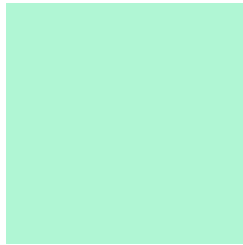
BA005A



3B001C

Previews

White Background



This preview shows how the Hex color B0F6D4 looks on a white background.

Color Contrast Check

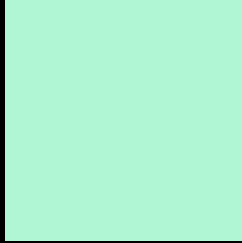
Large Text (above 18pt) WCAG AA × Fail

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 B0F6D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

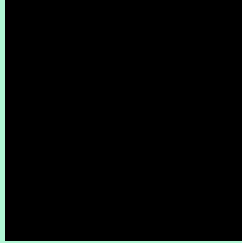
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

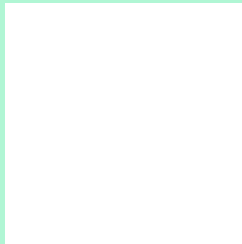
Any Text WCAG AAA ✓ Pass

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

Hex B0F6D4 Background



This preview shows how black text looks on a background with the Hex color B0F6D4.

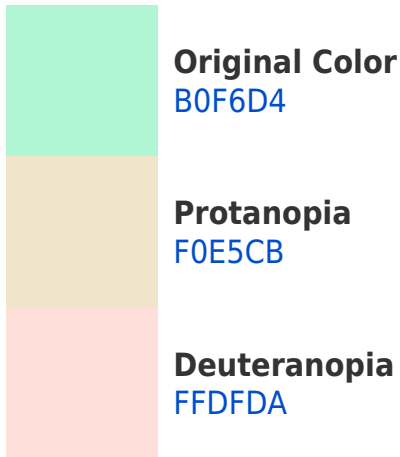


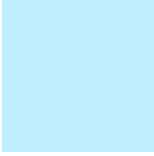
This preview shows how white text looks on a background with the Hex color B0F6D4.

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

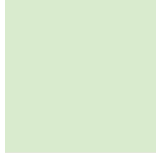




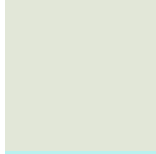
Trichromacy



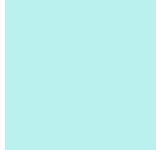
Original Color
B0F6D4



Protanomaly
D9EBCE

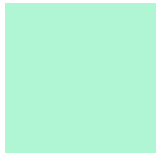


Deuteranomaly
E2E7D8

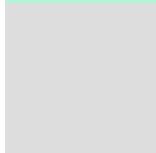


Tritanomaly
BAF1EF

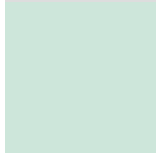
Monochromacy



Original Color
B0F6D4



Achromatopsia
DDDDDD



Achromatomaly
CDE6DA

CSS Examples

Text

The CSS property to change the color of the text to Hex B0F6D4 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 #B0F6D4 looks like.

```
.text, #text, p{  
    color:#B0F6D4  
}
```

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 #B0F6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F6D4
}
```

Border

The CSS property to change the border of an element to Hex B0F6D4 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
#B0F6D4 }
```

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

```
.border{ border-color:#B0F6D4 }
```

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

Here you see how a box with a 4 pixel #B0F6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F6D4; -webkit-box-shadow:4px 4px  
4px 4px #B0F6D4; box-shadow:4px 4px 4px  
4px #B0F6D4 }
```

Background

The CSS property to change the background color of an element to Hex B0F6D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F6D4 }
```

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

```
.background{ background-color:#B0F6D4 }
```

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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