

Converting Colors

Hex(B0E376)

Have a look what the booklet for
Hex(B0E376) contains.

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Color

Hex(B0E376)

Conversions

Conversions Part 1

Format	Color
Hex	B0E376
RGB	176, 227, 118
RGB Percent	69%, 89%, 46%
CMY	0.3098, 0.1098, 0.5373
CMYK	0.22, 0.00, 0.48, 0.11
HSL	88°, 66%, 68%
HSV	88°, 48%, 89%
XYZ	48.6436, 65.4763, 27.2139
YIQ	199.3250, 4.5930, -44.7110

Conversions

Conversions Part 2

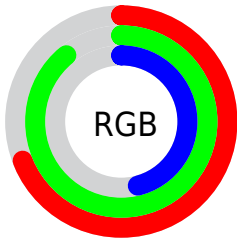
Format	Color
RYB	118, 227, 169
Decimal	11592566
CIELab	84.73, -34.23, 47.69
CIELCh	85, 58.702, 125.671
Yxy	65.4763, 0.3442, 0.4633
Android (android.graphics.Color)	4289782646 (0xFFB0E376)
YUV	199.3250, -40.0932, -20.4560
Hunter-Lab	80.9174, -34.3000, 36.7019

Details

The Hex color **B0E376** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A976E3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E9FFAC**, and **79AB42** is the 20% darker color. If you saturate the color by 10%, you get **A5E35F**, and if you desaturate by 10%, it is **BBE38D**.

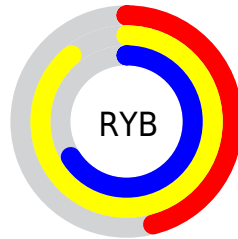
Distribution



Red (69%)

Green (89%)

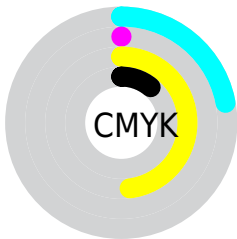
Blue (46%)



Red (46%)

Yellow (89%)

Blue (66%)

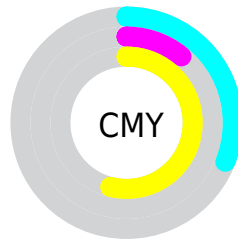


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (11%)



Cyan (31%)

Magenta (11%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E376 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 B0E376 by changing the saturation by 10% instead.

 B0E376

FFFFFF

 E9FFAC

 FFFFC8

 FFFF E5

 B0E376

 94C75C

 79AB42

 5E9128

 447708

 295E00

 0A4600

 002F00

 001900

 000000

 B0E376

 B0E376

 A5E35F

 BBE38D

 9BE349

 C5E3A3

 90E332

 D0E3BA

 86E31B

 DAE3D1

 7BE305

 E5E3E8

 79E300

 F0E3FE

 FAE3FF

 FFE3FF

Harmonies

Analogous

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



EAD461



B0E376



64ECA4

Triad

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



B0E376



00E5FF



FFA5CB

Complementary

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



B0E376



A976E3

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.



FFADFF



B0E376



87D6FF

Square

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



B0E376



00EEFF



E6C1FF



FFAD96

Rectangle

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



B0E376



00EFC9



E6C1FF



FFA6DE

Sweetspot

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



B0E376



EEFFDB



E3A976



75806A



000000



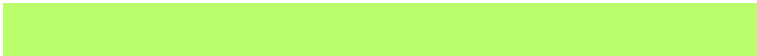
808080

Same Dimension

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



B0E376



BAFF6B



7AE376



6D7367



5FB300



1B3300

Inverse Universe

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



A976E3



B06BFF



DF76E3



6D6773



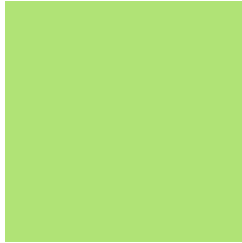
5400B3



180033

Previews

White Background



This preview shows how the Hex color B0E376 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 B0E376 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 B0E376 Background



This preview shows how black text looks on a background with the Hex color B0E376.

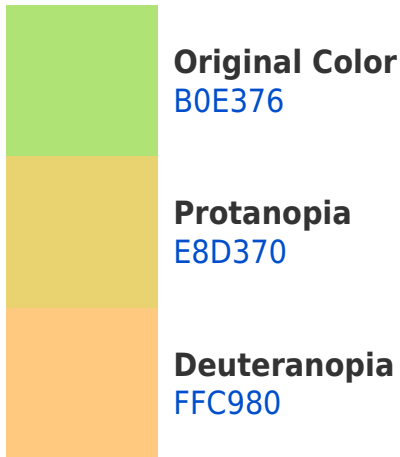


This preview shows how white text looks on a background with the Hex color B0E376.

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](#).

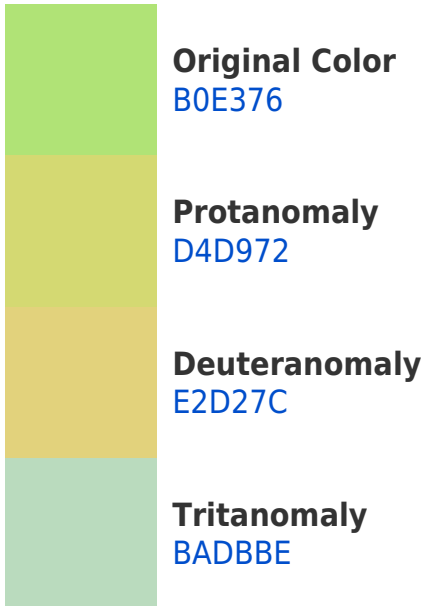
Dichromacy



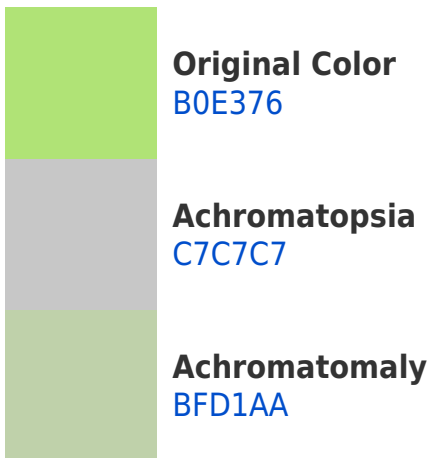


Tritanopia
C0D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E376 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 #B0E376 looks like.

```
.text, #text, p{  
    color:#B0E376  
}
```

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 #B0E376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E376
}
```

Border

The CSS property to change the border of an element to Hex B0E376 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
#B0E376 }
```

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

```
.border{ border-color:#B0E376 }
```

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

Here you see how a box with a 4 pixel #B0E376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E376; -webkit-box-shadow:4px 4px  
4px 4px #B0E376; box-shadow:4px 4px 4px  
4px #B0E376 }
```

Background

The CSS property to change the background color of an element to Hex B0E376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E376 }
```

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

```
.background{ background-color:#B0E376 }
```

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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