

Converting Colors

Hex(B0E075)

Have a look what the booklet for
Hex(B0E075) contains.

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Color

Hex(B0E075)

Conversions

Conversions Part 1

Format	Color
Hex	B0E075
RGB	176, 224, 117
RGB Percent	69%, 88%, 46%
CMY	0.3098, 0.1216, 0.5412
CMYK	0.21, 0.00, 0.48, 0.12
HSL	87°, 63%, 67%
HSV	87°, 48%, 88%
XYZ	47.7710, 63.8258, 26.6314
YIQ	197.4500, 5.7390, -43.4530

Conversions

Conversions Part 2

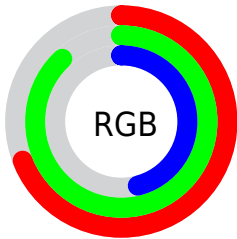
Format	Color
RYB	117, 224, 165
Decimal	11591797
CIELab	83.87, -32.96, 47.12
CIELCh	84, 57.504, 124.969
Yxy	63.8258, 0.3456, 0.4617
Android (android.graphics.Color)	4289781877 (0xFFB0E075)
YUV	197.4500, -39.6618, -18.8116
Hunter-Lab	79.8910, -33.0748, 36.1596

Details

The Hex color **B0E075** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A575E0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E9FFAB**, and **79A941** is the 20% darker color. If you saturate the color by 10%, you get **A6E05F**, and if you desaturate by 10%, it is **BAE08B**.

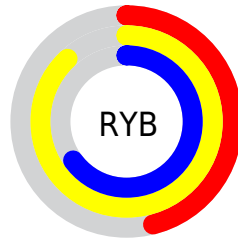
Distribution



Red (69%)

Green (88%)

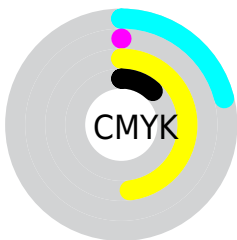
Blue (46%)



Red (46%)

Yellow (88%)

Blue (65%)

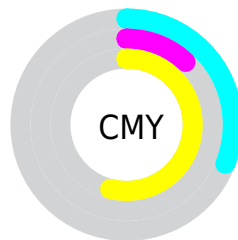


Cyan (21%)

Magenta (0%)

Yellow (48%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E075 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 B0E075 by changing the saturation by 10% instead.

 B0E075

 B0E075

FFFFFF

 94C45B

 E9FFAB

 79A941

 FFFFC7

 5E8E27

 FFFFE3

 447407

 295B00

 0C4300

 002C00

 001600

 000000

 B0E075

 B0E075

 A6E05F

 BAE08B

 9CE048

 C4E0A2

 92E032

 CEE0B8

 88E01B

 D8E0CF

 7EE005

 E2E0E5

 7CE000

 ECE0FB

 F6E0FF

 FFE0FF

Harmonies

Analogous

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



E9D161



B0E075



67E9A1

Triad

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



B0E075



00E3FF



FFA3CA

Complementary

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



B0E075



A575E0

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.



FFACFF



B0E075



85D4FF

Square

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



B0E075



00EBFF



E1BFFF



FFAB96

Rectangle

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



B0E075



00ECC6



E1BFFF



FFA4DD

Sweetspot

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



B0E075



FFFFDB



E0A375



76806A



000000



808080

Same Dimension

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



B0E075



BEFF6E



7CE075



6B7065



61B000



1B3000

Inverse Universe

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



A575E0



AF6EFF



D975E0



6A6570



4F00B0



160030

Previews

White Background



This preview shows how the Hex color B0E075 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 B0E075 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 B0E075 Background



This preview shows how black text looks on a background with the Hex color B0E075.

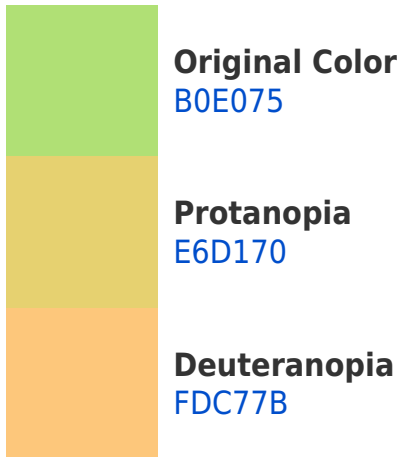


This preview shows how white text looks on a background with the Hex color B0E075.

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](#).

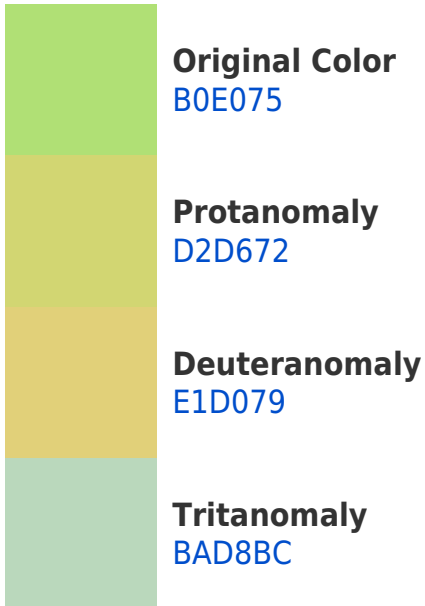
Dichromacy



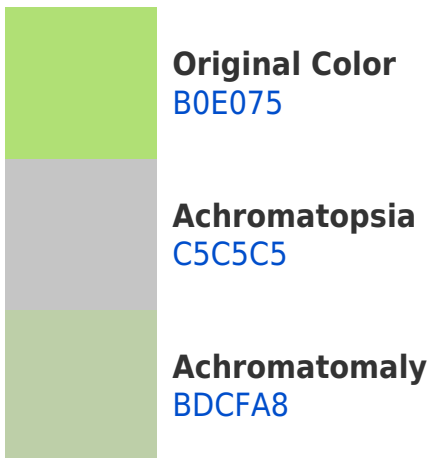


Tritanopia
BFD4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E075 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 #B0E075 looks like.

```
.text, #text, p{  
    color:#B0E075  
}
```

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 #B0E075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E075
}
```

Border

The CSS property to change the border of an element to Hex B0E075 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
#B0E075 }
```

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

```
.border{ border-color:#B0E075 }
```

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

Here you see how a box with a 4 pixel #B0E075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E075; -webkit-box-shadow:4px 4px  
4px 4px #B0E075; box-shadow:4px 4px 4px  
4px #B0E075 }
```

Background

The CSS property to change the background color of an element to Hex B0E075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E075 }
```

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

```
.background{ background-color:#B0E075 }
```

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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