

Converting Colors

Hex(B0E277)

Have a look what the booklet for
Hex(B0E277) contains.

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Color

Hex(B0E277)

Conversions

Conversions Part 1

Format	Color
Hex	B0E277
RGB	176, 226, 119
RGB Percent	69%, 89%, 47%
CMY	0.3098, 0.1137, 0.5333
CMYK	0.22, 0.00, 0.47, 0.11
HSL	88°, 65%, 68%
HSV	88°, 47%, 89%
XYZ	48.4306, 64.9547, 27.4377
YIQ	198.8520, 4.5470, -43.8770

Conversions

Conversions Part 2

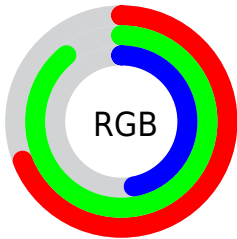
Format	Color
RYB	119, 226, 169
Decimal	11592311
CIELab	84.46, -33.66, 46.88
CIElCh	84, 57.714, 125.677
Yxy	64.9547, 0.3439, 0.4613
Android (android.graphics.Color)	4289782391 (0xFFB0E277)
YUV	198.8520, -39.3670, -20.0412
Hunter-Lab	80.5945, -33.7766, 36.2314

Details

The Hex color **B0E277** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A977E2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E9FFAD**, and **79AA43** is the 20% darker color. If you saturate the color by 10%, you get **A5E260**, and if you desaturate by 10%, it is **BBE28E**.

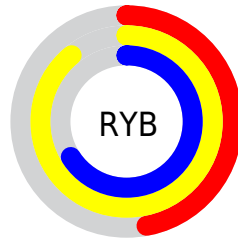
Distribution



Red (69%)

Green (89%)

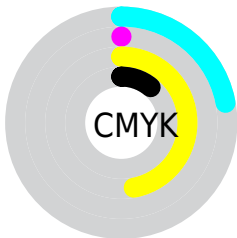
Blue (47%)



Red (47%)

Yellow (89%)

Blue (66%)

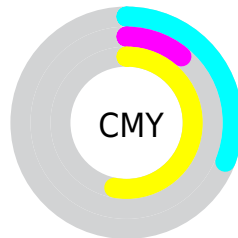


Cyan (22%)

Magenta (0%)

Yellow (47%)

Black (11%)



Cyan (31%)

Magenta (11%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E277 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 B0E277 by changing the saturation by 10% instead.

 B0E277

FFFFFF

 E9FFAD

 FFFFC9

 FFFFEE

 B0E277

 94C65D

 79AA43

 5E9029

 44760B

 295D00

 0B4500

 002E00

 001800

 000000

 B0E277

 B0E277

 A5E260

 BBE28E

 9BE24A

 C5E2A4

 90E233

 D0E2BB

 86E21D

 DAE2D1

 7BE206

 E5E2E8

 78E200

 EFE2FF

 FAE2FF

 FFE2FF

Harmonies

Analogous

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



E9D363



B0E277



66EBA4

Triad

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



B0E277



00E4FF



FFA5CA

Complementary

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



B0E277



A977E2

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



B0E277



89D5FF

Square

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



B0E277



00EDFF



E5C0FF



FFAD96

Rectangle

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



B0E277



00EEC9



E5C0FF



FFA6DD

Sweetspot

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



B0E277



EEFFDB



E2A977



75806A



000000



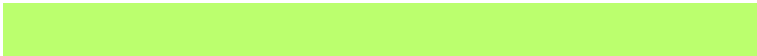
808080

Same Dimension

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



B0E277



BBFF6E



7BE277



6B7065



5EB000



1A3000

Inverse Universe

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



A977E2



B26EFF



DE77E2



6A6570



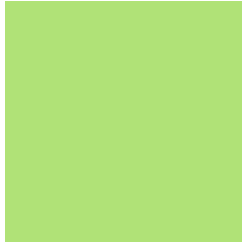
5200B0



170030

Previews

White Background



This preview shows how the Hex color B0E277 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 B0E277 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 B0E277 Background



This preview shows how black text looks on a background with the Hex color B0E277.

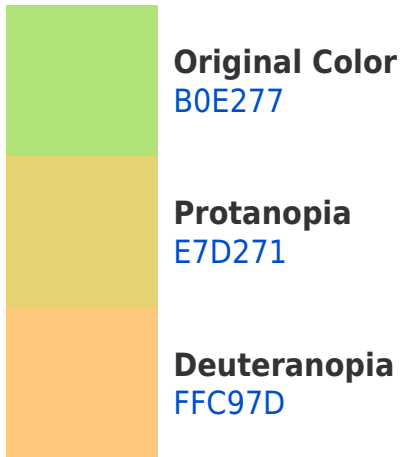


This preview shows how white text looks on a background with the Hex color B0E277.

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](#).

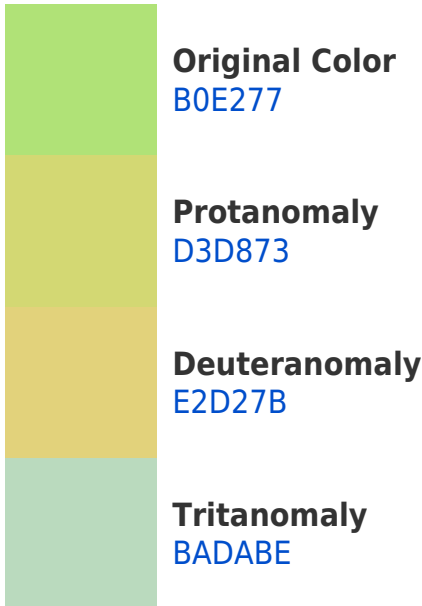
Dichromacy



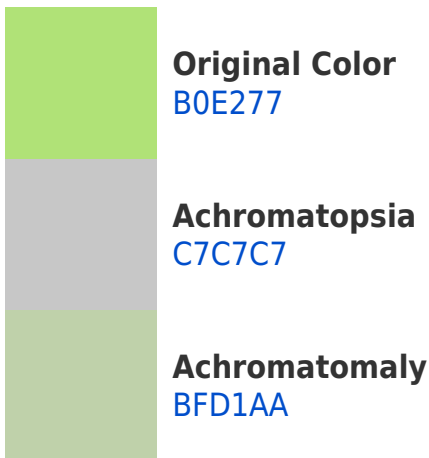


Tritanopia
COD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E277 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 #B0E277 looks like.

```
.text, #text, p{  
    color:#B0E277  
}
```

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 #B0E277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E277
}
```

Border

The CSS property to change the border of an element to Hex B0E277 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
#B0E277 }
```

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

```
.border{ border-color:#B0E277 }
```

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

Here you see how a box with a 4 pixel #B0E277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E277; -webkit-box-shadow:4px 4px  
4px 4px #B0E277; box-shadow:4px 4px 4px  
4px #B0E277 }
```

Background

The CSS property to change the background color of an element to Hex B0E277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E277 }
```

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

```
.background{ background-color:#B0E277 }
```

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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