

Converting Colors

Hex(B7E062)

Have a look what the booklet for
Hex(B7E062) contains.

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Color

Hex(B7E062)

Conversions

Conversions Part 1

Format	Color
Hex	B7E062
RGB	183, 224, 98
RGB Percent	72%, 88%, 38%
CMY	0.2824, 0.1216, 0.6157
CMYK	0.18, 0.00, 0.56, 0.12
HSL	80°, 67%, 63%
HSV	80°, 56%, 88%
XYZ	48.3887, 64.2604, 21.4084
YIQ	197.3770, 16.0100, -47.8780

Conversions

Conversions Part 2

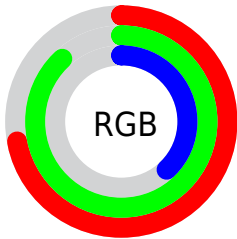
Format	Color
RYB	98, 224, 139
Decimal	12050530
CIELab	84.10, -32.23, 56.29
CIELCh	84, 64.863, 119.791
Yxy	64.2604, 0.3610, 0.4793
Android (android.graphics.Color)	4290240610 (0xFFB7E062)
YUV	197.3770, -48.9929, -12.6086
Hunter-Lab	80.1626, -32.5363, 40.2797

Details

The Hex color **B7E062** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8B62E0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F1FF98**, and **7FA92B** is the 20% darker color. If you saturate the color by 10%, you get **B0E04C**, and if you desaturate by 10%, it is **BEE078**.

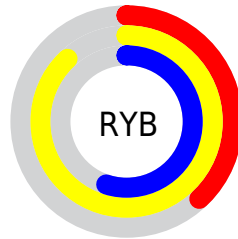
Distribution



Red (72%)

Green (88%)

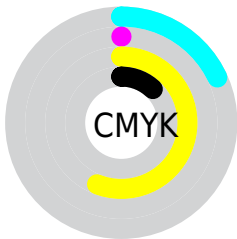
Blue (38%)



Red (38%)

Yellow (88%)

Blue (55%)

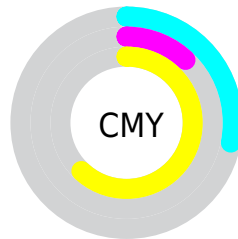


Cyan (18%)

Magenta (0%)

Yellow (56%)

Black (12%)



Cyan (28%)

Magenta (12%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E062 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 B7E062 by changing the saturation by 10% instead.

 B7E062

 B7E062

FFFFFF

 9BC447

 F1FF98

 7FA92B

 FFFFB4

 648E07

 FFFFD1

 497400

 FFFFEE

 2F5B00

 104400

 002D00

 001700

 000000

 B7E062

 B7E062

 B0E04C

 BEE078

 A8E035

 C6E08F

 A1E01F

 CDE0A5

 9AE008

 D4E0BC

 97E000

 DBE0D2

 E3E0E8

 EAE0FF

 F1E0FF

 F9E0FF

Harmonies

Analogous

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



F5CE51



B7E062



65EB92

Triad

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



B7E062



00E8FF



FF9CD5

Complementary

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



B7E062



8B62E0

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.



FFAAFF



B7E062



50D8FF

Square

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



B7E062



00EFFF



D4C2FF



FFA398

Rectangle

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



B7E062



00EFBA



D4C2FF



FF9FE9

Sweetspot

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



B7E062



F1FFD4



E08A62



778066



000000



808080

Same Dimension

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



B7E062



C7FF52



79E062



6D7065



77B000



213000

Inverse Universe

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



8B62E0



8A52FF



C962E0



696570



3900B0



100030

Previews

White Background



This preview shows how the Hex color B7E062 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 B7E062 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 B7E062 Background



This preview shows how black text looks on a background with the Hex color B7E062.

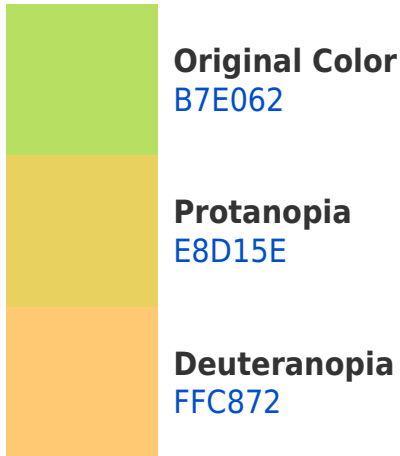


This preview shows how white text looks on a background with the Hex color B7E062.

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
C7D2E3

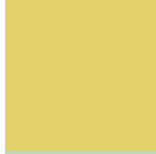
Trichromacy



Original Color
B7E062



Protanomaly
D6D65F



Deuteranomaly
E5D16C

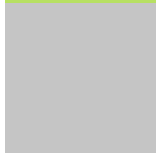


Tritanomaly
C1D7B4

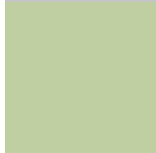
Monochromacy



Original Color
B7E062



Achromatopsia
C5C5C5



Achromatomaly
C0CFA1

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E062 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 #B7E062 looks like.

```
.text, #text, p{  
    color:#B7E062  
}
```

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 #B7E062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E062
}
```

Border

The CSS property to change the border of an element to Hex B7E062 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
#B7E062 }
```

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

```
.border{ border-color:#B7E062 }
```

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

Here you see how a box with a 4 pixel #B7E062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E062; -webkit-box-shadow:4px 4px  
4px 4px #B7E062; box-shadow:4px 4px 4px  
4px #B7E062 }
```

Background

The CSS property to change the background color of an element to Hex B7E062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E062 }
```

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

```
.background{ background-color:#B7E062 }
```

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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