

Converting Colors

Hex(B6E360)

Have a look what the booklet for
Hex(B6E360) contains.

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Color

Hex(**B6E360**)

Conversions

Conversions Part 1

Format	Color
Hex	B6E360
RGB	182, 227, 96
RGB Percent	71%, 89%, 38%
CMY	0.2863, 0.1098, 0.6235
CMYK	0.20, 0.00, 0.58, 0.11
HSL	81°, 70%, 63%
HSV	81°, 58%, 89%
XYZ	48.8718, 65.7278, 21.1772
YIQ	198.6110, 15.2310, -50.2810

Conversions

Conversions Part 2

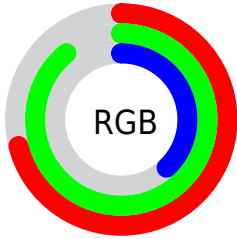
Format	Color
RYB	96, 227, 141
Decimal	11985760
CIELab	84.86, -34.16, 58.01
CIELCh	85, 67.325, 120.492
Yxy	65.7278, 0.3599, 0.4841
Android (android.graphics.Color)	4290175840 (0xFFB6E360)
YUV	198.6110, -50.5872, -14.5678
Hunter-Lab	81.0727, -34.2747, 41.2635

Details

The Hex color **B6E360** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **8D60E3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F0FF96**, and **7EAB28** is the 20% darker color. If you saturate the color by 10%, you get **AEE349**, and if you desaturate by 10%, it is **BEE377**.

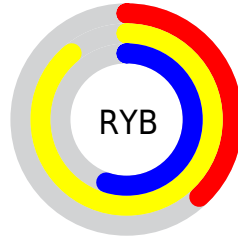
Distribution



Red (71%)

Green (89%)

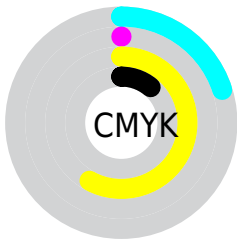
Blue (38%)



Red (38%)

Yellow (89%)

Blue (55%)

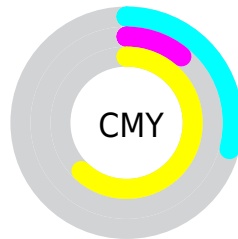


Cyan (20%)

Magenta (0%)

Yellow (58%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6E360 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 B6E360 by changing the saturation by 10% instead.

 B6E360

 B6E360

FFFFFF

 9AC745

 F0FF96

 7EAB28

 FFFFB2

 639100

 FFFFCF

 477700

 FFFFEC

 2D5E00

 0B4600

 002F00

 001A00

 000000

 B6E360

 B6E360

 AEE349

 BEE377

 A6E333

 C6E38D

 9FE31C

 CDE3A4

 97E305

 D5E3BB

 95E300

 DDE3D2

 E5E3E8

 EDE3FF

 F4E3FF

 FCE3FF

Harmonies

Analogous

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



F6D14D



B6E360



5EEE92

Triad

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



B6E360



00EBFF



FF9BD5

Complementary

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



B6E360



8D60E3

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.



FFA9FF



B6E360



4BDAFF

Square

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



B6E360



00F2FF



D8C3FF



FFA397

Rectangle

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



B6E360



00F2BD



D8C3FF



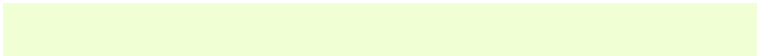
FF9EEB

Sweetspot

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



B6E360



F0FFD4



E38C60



778066



000000



808080

Same Dimension

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



B6E360



C3FF4F



76E360



6F7367



75B300



213300

Inverse Universe

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



8D60E3



8B4FFF



CD60E3



6B6773



3D00B3



120033

Previews

White Background



This preview shows how the Hex color B6E360 looks on a white background.

Color Contrast Check

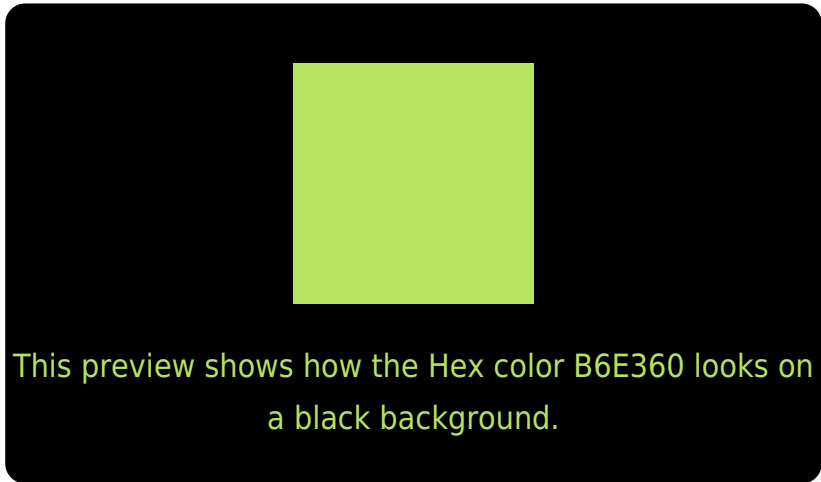
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B6E360 Background



This preview shows how black text looks on a background with the Hex color B6E360.

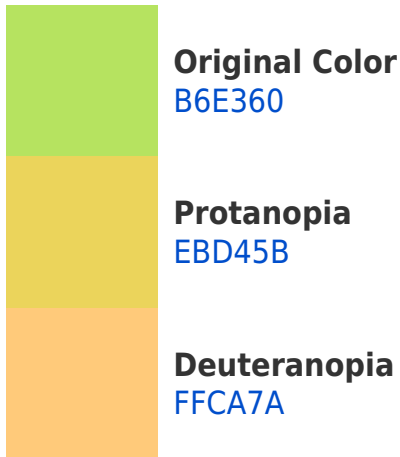


This preview shows how white text looks on a background with the Hex color B6E360.

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
C7D5E6

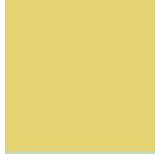
Trichromacy



Original Color
B6E360



Protanomaly
D8D95D



Deuteranomaly
E4D371

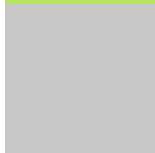


Tritanomaly
C1DAB5

Monochromacy



Original Color
B6E360



Achromatopsia
C7C7C7



Achromatomaly
C1D1A2

CSS Examples

Text

The CSS property to change the color of the text to Hex B6E360 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 #B6E360 looks like.

```
.text, #text, p{  
    color:#B6E360  
}
```

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 #B6E360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E360
}
```

Border

The CSS property to change the border of an element to Hex B6E360 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
#B6E360 }
```

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

```
.border{ border-color:#B6E360 }
```

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

Here you see how a box with a 4 pixel #B6E360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E360; -webkit-box-shadow:4px 4px  
4px 4px #B6E360; box-shadow:4px 4px 4px  
4px #B6E360 }
```

Background

The CSS property to change the background color of an element to Hex B6E360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E360 }
```

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

```
.background{ background-color:#B6E360 }
```

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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