

Converting Colors

Hex(B3E6A7)

Have a look what the booklet for
Hex(B3E6A7) contains.

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Color

Hex(B3E6A7)

Conversions

Conversions Part 1

Format	Color
Hex	B3E6A7
RGB	179, 230, 167
RGB Percent	70%, 90%, 65%
CMY	0.2980, 0.0980, 0.3451
CMYK	0.22, 0.00, 0.27, 0.10
HSL	109°, 56%, 78%
HSV	109°, 27%, 90%
XYZ	53.8623, 68.9674, 47.0324
YIQ	207.5690, -10.1730, -30.4050

Conversions

Conversions Part 2

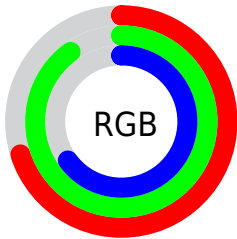
Format	Color
RYB	167, 230, 218
Decimal	11789991
CIELab	86.49, -27.99, 25.52
CIElCh	86, 37.880, 137.650
Yxy	68.9674, 0.3171, 0.4060
Android (android.graphics.Color)	4289980071 (0xFFB3E6A7)
YUV	207.5690, -20.0005, -25.0550
Hunter-Lab	83.0466, -29.5602, 24.5545

Details

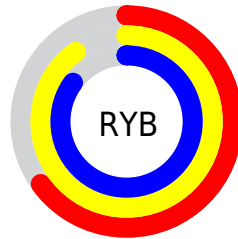
The Hex color **B3E6A7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DAA7E6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **ECFFDE**, and **7DAE73** is the 20% darker color. If you saturate the color by 10%, you get **A0E690**, and if you desaturate by 10%, it is **C6E6BE**.

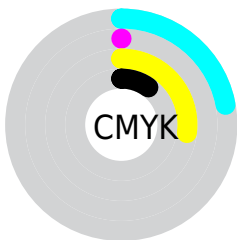
Distribution



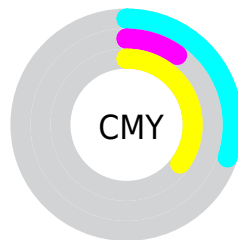
- Red (70%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E6A7 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 B3E6A7 by changing the saturation by 10% instead.

 B3E6A7

 B3E6A7

FFFFFF

 98CA8C


 ECFFDE

 7DAE73

 FFFFFB

 63935A

 4A7942

 31602B

 184814

 003100

 001F00

 000000

 B3E6A7

 B3E6A7

 A0E690

 C6E6BE

 8EE679

 D8E6D5

 7BE662

 EBE6EC

 69E64B

 FDE6FF

 56E634

 FFE6FF

 43E61D

 31E606

 2CE600

Harmonies

Analogous

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



DCDD93



B3E6A7



89EBC8

Triad

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



B3E6A7



92E0FF



FFBEC4

Complementary

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



B3E6A7



DAA7E6

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.



FFBFE9



B3E6A7



C8D5FF

Square

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



B3E6A7



67E8FF



F7C8FF



FFC5A5

Rectangle

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



B3E6A7



6FECE1



F7C8FF



FFBDD0

Sweetspot

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



B3E6A7



EEFFEB



E6D9A7



758073



000000



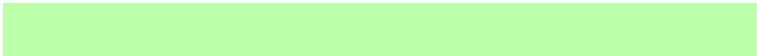
808080

Same Dimension

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



B3E6A7



BBFFAB



A7E6BA



697367



22B300



0A3300

Inverse Universe

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



DAA7E6



EFABFF



E6A7D3



716773



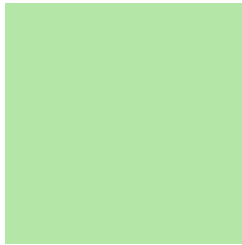
9000B3



290033

Previews

White Background



This preview shows how the Hex color B3E6A7 looks on a white background.

Color Contrast Check

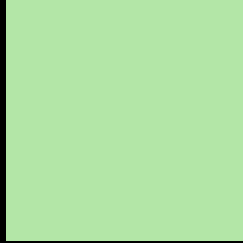
Large Text (above 18pt) WCAG AA × Fail

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 B3E6A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

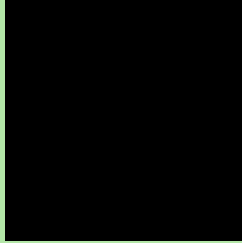
Any Text WCAG AA ✓ Pass

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 B3E6A7 Background



This preview shows how black text looks on a background with the Hex color B3E6A7.

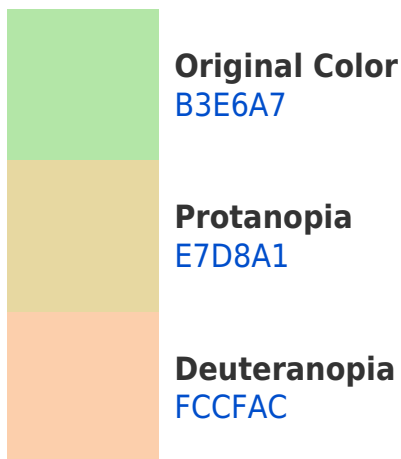


This preview shows how white text looks on a background with the Hex color B3E6A7.

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](#).

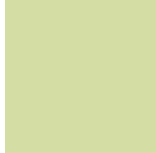
Dichromacy



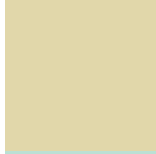
Trichromacy



Original Color
B3E6A7



Protanomaly
D4DDA3



Deuteranomaly
E1D7AA

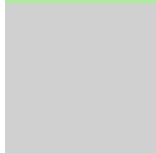


Tritanomaly
BBE0D4

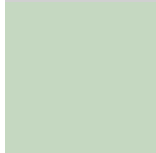
Monochromacy



Original Color
B3E6A7



Achromatopsia
D0D0D0



Achromatomaly
C5D8C1

CSS Examples

Text

The CSS property to change the color of the text to Hex B3E6A7 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 #B3E6A7 looks like.

```
.text, #text, p{  
    color:#B3E6A7  
}
```

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 #B3E6A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E6A7
}
```

Border

The CSS property to change the border of an element to Hex B3E6A7 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
#B3E6A7 }
```

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

```
.border{ border-color:#B3E6A7 }
```

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

Here you see how a box with a 4 pixel #B3E6A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E6A7; -webkit-box-shadow:4px 4px  
4px 4px #B3E6A7; box-shadow:4px 4px 4px  
4px #B3E6A7 }
```

Background

The CSS property to change the background color of an element to Hex B3E6A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E6A7 }
```

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

```
.background{ background-color:#B3E6A7 }
```

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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