

Converting Colors

Hex(B5E96A)

Have a look what the booklet for
Hex(B5E96A) contains.

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Color

Hex(B5E96A)

Conversions

Conversions Part 1

Format	Color
Hex	B5E96A
RGB	181, 233, 106
RGB Percent	71%, 91%, 42%
CMY	0.2902, 0.0863, 0.5843
CMYK	0.22, 0.00, 0.55, 0.09
HSL	85°, 74%, 66%
HSV	85°, 55%, 91%
XYZ	50.7965, 69.1422, 24.3042
YIQ	202.9740, 9.7750, -50.5210

Conversions

Conversions Part 2

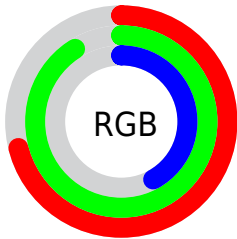
Format	Color
RYB	106, 233, 158
Decimal	11921770
CIELab	86.57, -36.37, 55.53
CIElCh	87, 66.382, 123.224
Yxy	69.1422, 0.3522, 0.4793
Android (android.graphics.Color)	4290111850 (0xFFB5E96A)
YUV	202.9740, -47.8082, -19.2712
Hunter-Lab	83.1518, -36.4720, 40.8765

Details

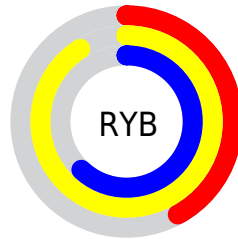
The Hex color **B5E96A** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9E6AE9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EFFFA0**, and **7DB134** is the 20% darker color. If you saturate the color by 10%, you get **ABE953**, and if you desaturate by 10%, it is **BFE981**.

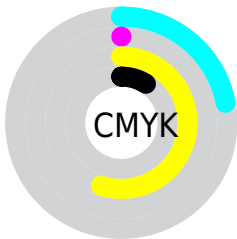
Distribution



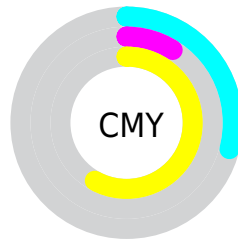
- Red (71%)
- Green (91%)
- Blue (42%)



- Red (42%)
- Yellow (91%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (55%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5E96A 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 B5E96A by changing the saturation by 10% instead.

 B5E96A

 B5E96A

FFFFFF

 99CD4F

 EFFFFA0

 7DB134

 FFFFBC

 629615

 FFFFD9

 467C00

 FFFFF6

 2B6300

 084A00

 003300

 001F00

 000000

 B5E96A

 B5E96A

 ABE953

 BFE981

 A2E93B

 C8E999

 98E924

 D2E9B0

 8FE90D

 DBE9C7

 8AE900

 E5E9DF

 EEE9F6

 F8E9FF

 FFE9FF

Harmonies

Analogous

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



F6D854



B5E96A



5BF49D

Triad

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



B5E96A



00EEFF



FFA1D4

Complementary

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



B5E96A



9E6AE9

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



B5E96A



6BDDFF

Square

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



B5E96A



00F7FF



E5C5FF



FFAA97

Rectangle

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



B5E96A



00F7C8



E5C5FF



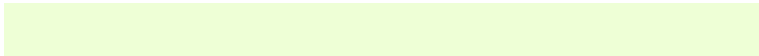
FFA3EA

Sweetspot

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



B5E96A



EEFFD6



E99D6A



768067



000000



808080

Same Dimension

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



B5E96A



BBFF59



77E96A



70756A



6BB500



203600

Inverse Universe

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



9E6AE9



9D59FF



DC6AE9



6E6A75



4A00B5



160036

Previews

White Background



This preview shows how the Hex color B5E96A looks on a white background.

Color Contrast Check

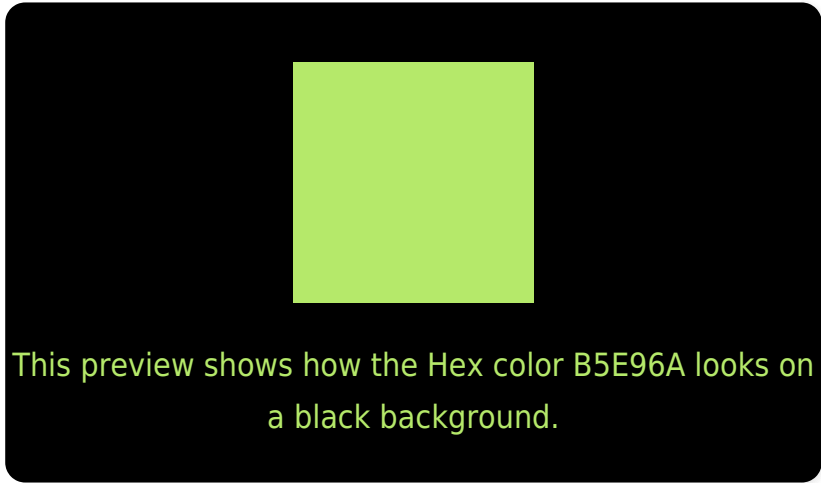
Large Text (above 18pt) WCAG AA × Fail

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 B5E96A Background



This preview shows how black text looks on a background with the Hex color B5E96A.

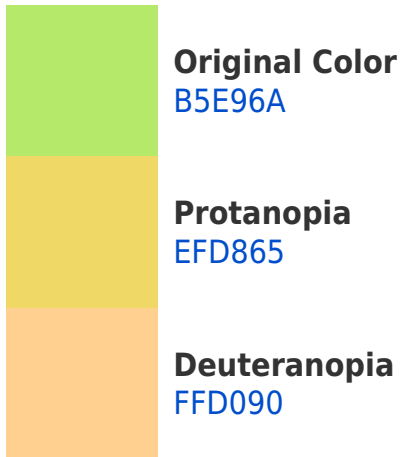


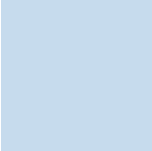
This preview shows how white text looks on a background with the Hex color B5E96A.

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](#).

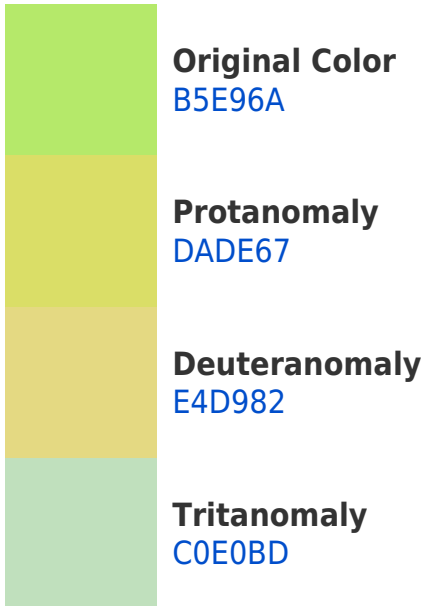
Dichromacy



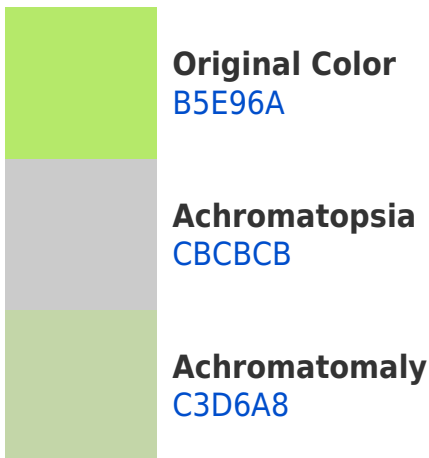


Tritanopia
C6DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5E96A 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 #B5E96A looks like.

```
.text, #text, p{  
    color:#B5E96A  
}
```

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 #B5E96A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E96A
}
```

Border

The CSS property to change the border of an element to Hex B5E96A 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
#B5E96A }
```

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

```
.border{ border-color:#B5E96A }
```

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

Here you see how a box with a 4 pixel #B5E96A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E96A; -webkit-box-shadow:4px 4px  
4px 4px #B5E96A; box-shadow:4px 4px 4px  
4px #B5E96A }
```

Background

The CSS property to change the background color of an element to Hex B5E96A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E96A }
```

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

```
.background{ background-color:#B5E96A }
```

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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