

Converting Colors

Hex(B5E677)

Have a look what the booklet for
Hex(B5E677) contains.

Hex(B5E677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B5E677)

Conversions

Conversions Part 1

Format	Color
Hex	B5E677
RGB	181, 230, 119
RGB Percent	71%, 90%, 47%
CMY	0.2902, 0.0980, 0.5333
CMYK	0.21, 0.00, 0.48, 0.10
HSL	86°, 69%, 68%
HSV	86°, 48%, 90%
XYZ	50.6826, 67.7493, 27.8584
YIQ	202.6950, 6.4270, -44.9090

Conversions

Conversions Part 2

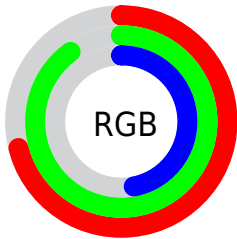
Format	Color
RYB	119, 230, 168
Decimal	11921015
CIELab	85.88, -33.69, 48.69
CIELCh	86, 59.206, 124.678
Yxy	67.7493, 0.3465, 0.4631
Android (android.graphics.Color)	4290111095 (0xFFB5E677)
YUV	202.6950, -41.2616, -19.0265
Hunter-Lab	82.3100, -34.1304, 37.5498

Details

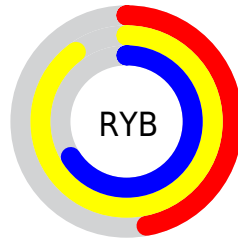
The Hex color **B5E677** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A877E6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EFFFAD**, and **7EAE43** is the 20% darker color. If you saturate the color by 10%, you get **ABE660**, and if you desaturate by 10%, it is **BFE68E**.

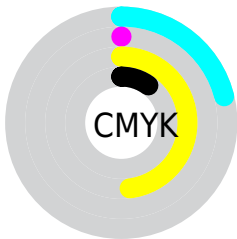
Distribution



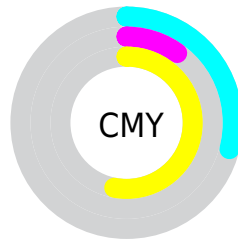
- Red (71%)
- Green (90%)
- Blue (47%)



- Red (47%)
- Yellow (90%)
- Blue (66%)



- Cyan (21%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5E677 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 B5E677 by changing the saturation by 10% instead.

 B5E677

 B5E677

FFFFFF

 99CA5D

 EFFFAD

 7EAE43

 FFFFC9

 639328

 FFFFEE

 487908

 2D6000

 114800

 003100

 001D00

 000000

 B5E677

 B5E677

 ABE660

 BFE68E

 A1E649

 C9E6A5

 97E632

 D3E6BC

 8CE61B

 DEE6D3

 82E604

 E8E6EA

 80E600

 F2E6FF

 FCE6FF

 FFE6FF

Harmonies

Analogous

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



F0D763



B5E677



69F0A5

Triad

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



B5E677



00E9FF



FFA7D0

Complementary

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



B5E677



A877E6

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.



FFB0FF



B5E677



86DAFF

Square

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



B5E677



00F2FF



E7C5FF



FFB09A

Rectangle

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



B5E677



00F3CB



E7C5FF



FFA8E3

Sweetspot

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



B5E677



EFFFDB



E6A777



76806A



000000



808080

Same Dimension

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



B5E677



BEFF6B



7EE677



6E7367



64B300



1C3300

Inverse Universe

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



A877E6



AC6BFF



DF77E6



6C6773



4F00B3



170033

Previews

White Background



This preview shows how the Hex color B5E677 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 B5E677 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 B5E677 Background



This preview shows how black text looks on a background with the Hex color B5E677.

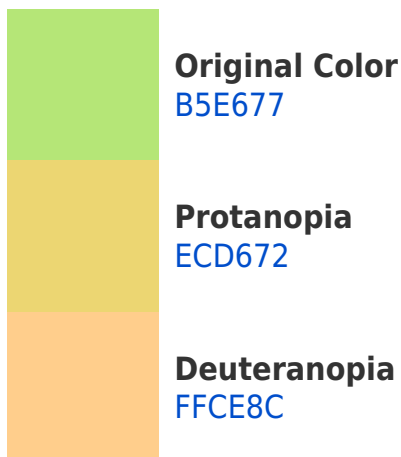


This preview shows how white text looks on a background with the Hex color B5E677.

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](#).

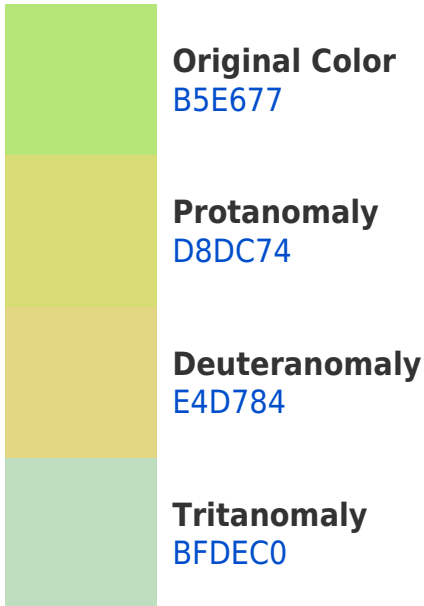
Dichromacy



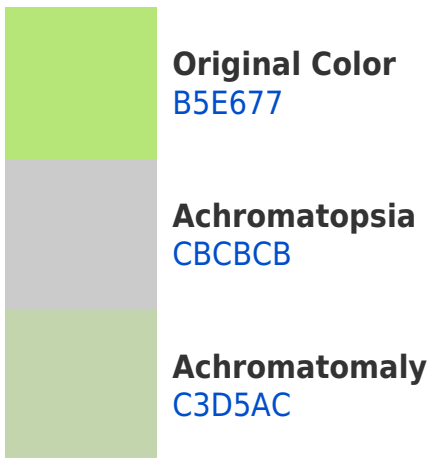


Tritanopia
C5D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5E677 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 #B5E677 looks like.

```
.text, #text, p{  
    color:#B5E677  
}
```

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 #B5E677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E677
}
```

Border

The CSS property to change the border of an element to Hex B5E677 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
#B5E677 }
```

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

```
.border{ border-color:#B5E677 }
```

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

Here you see how a box with a 4 pixel #B5E677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E677; -webkit-box-shadow:4px 4px  
4px 4px #B5E677; box-shadow:4px 4px 4px  
4px #B5E677 }
```

Background

The CSS property to change the background color of an element to Hex B5E677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E677 }
```

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

```
.background{ background-color:#B5E677 }
```

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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