

Converting Colors

Hex(B5E527)

Have a look what the booklet for
Hex(B5E527) contains.

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Color

Hex(B5E527)

Conversions

Conversions Part 1

Format	Color
Hex	B5E527
RGB	181, 229, 39
RGB Percent	71%, 90%, 15%
CMY	0.2902, 0.1020, 0.8471
CMYK	0.21, 0.00, 0.83, 0.10
HSL	75°, 79%, 53%
HSV	75°, 83%, 90%
XYZ	47.4416, 66.0089, 12.1600
YIQ	192.9880, 32.3820, -69.2660

Conversions

Conversions Part 2

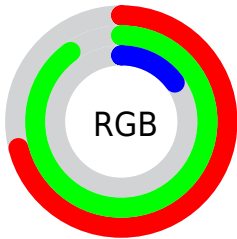
Format	Color
R _Y B	39, 229, 87
Decimal	11920679
CIE Lab	85.00, -38.73, 77.83
CIE LCh	85, 86.929, 116.455
Yxy	66.0089, 0.3777, 0.5255
Android (android.graphics.Color)	4290110759 (0xFFB5E527)
YUV	192.9880, -75.9161, -10.5135
Hunter-Lab	81.2458, -37.9494, 47.9982

Details

The Hex color **B5E527** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **5727E5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F1FF68**, and **7BAD00** is the 20% darker color. If you saturate the color by 10%, you get **AFE510**, and if you desaturate by 10%, it is **BBE53E**.

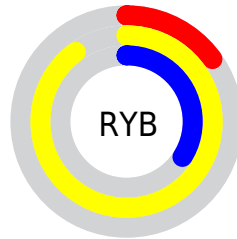
Distribution



Red (71%)

Green (90%)

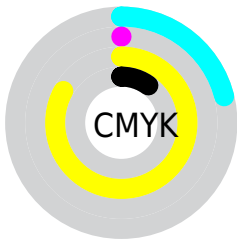
Blue (15%)



Red (15%)

Yellow (90%)

Blue (34%)

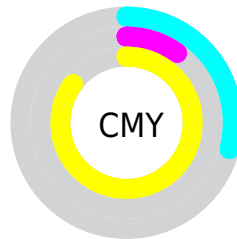


Cyan (21%)

Magenta (0%)

Yellow (83%)

Black (10%)



Cyan (29%)

Magenta (10%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5E527 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 B5E527 by changing the saturation by 10% instead.

 B5E527

 B5E527

FFFFFF

 98C900

 F1FF68

 7BAD00

 FFFF85

 5E9300

 FFFFA2

 427900

 FFFFBF

 225F00

 FFFFDD

 004700

 FFFFFB

 003000

 001A00

 000000

 B5E527

 B5E527

 AFE510

 BBE53E

 ABE500

 C1E555

 C6E56C

 CCE583

 D2E59A

 D8E5B0

 DDE5C7

 E3E5DE

 E9E5F5

Harmonies

Analogous

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



FFCD00



B5E527



2EF374

Triad

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



B5E527



00F3FF



FF82E2

Complementary

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



B5E527



5727E5

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.



FF9DFF



B5E527



00E1FF

Square

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



B5E527



00FAFF



C0C3FF



FF8B90

Rectangle

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



B5E527



00F8AB



C0C3FF



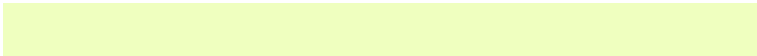
FF88FD

Sweetspot

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



B5E527



EFFFBF



E55627



768059



000000



808080

Same Dimension

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



B5E527



BFFF00



56E527



707367



85B300



263300

Inverse Universe

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



5727E5



4000FF



B627E5



6A6773



2D00B3



0D0033

Previews

White Background



This preview shows how the Hex color B5E527 looks on a white background.

Color Contrast Check

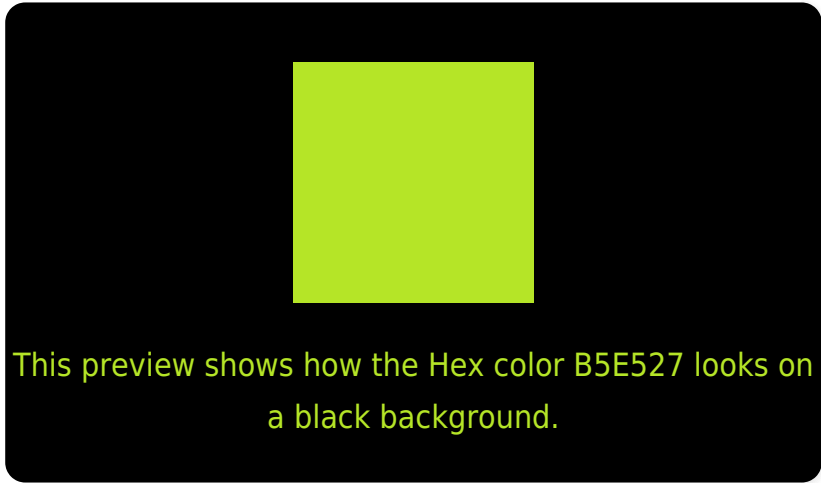
Large Text (above 18pt) WCAG AA × Fail

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 B5E527 Background



This preview shows how black text looks on a background with the Hex color B5E527.

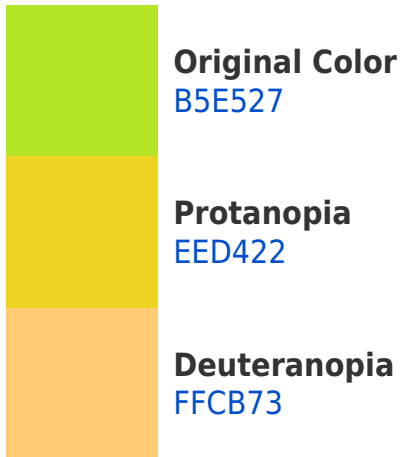


This preview shows how white text looks on a background with the Hex color B5E527.

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](#).

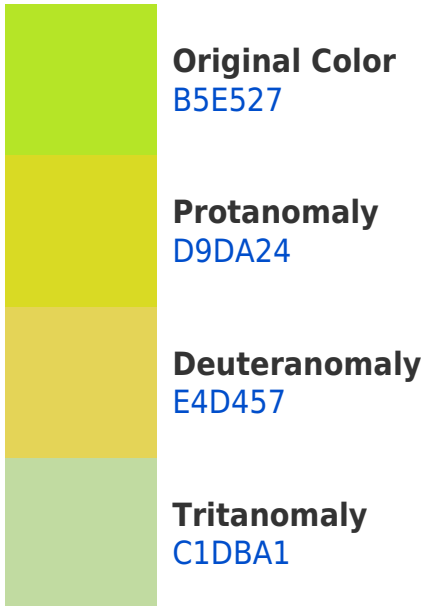
Dichromacy



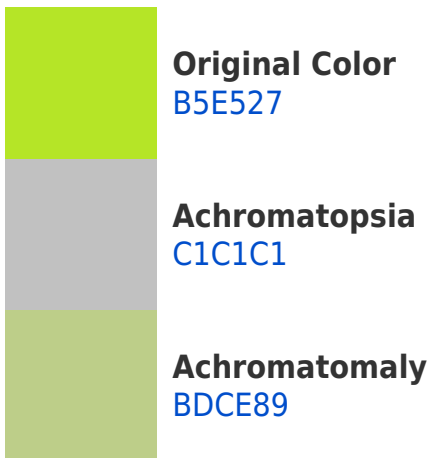


Tritanopia
C8D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5E527 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 #B5E527 looks like.

```
.text, #text, p{  
    color:#B5E527  
}
```

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 #B5E527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E527
}
```

Border

The CSS property to change the border of an element to Hex B5E527 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
#B5E527 }
```

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

```
.border{ border-color:#B5E527 }
```

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

Here you see how a box with a 4 pixel #B5E527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E527; -webkit-box-shadow:4px 4px  
4px 4px #B5E527; box-shadow:4px 4px 4px  
4px #B5E527 }
```

Background

The CSS property to change the background color of an element to Hex B5E527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E527 }
```

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

```
.background{ background-color:#B5E527 }
```

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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