

Converting Colors

Hex(B5D460)

Have a look what the booklet for
Hex(B5D460) contains.

Hex(B5D460)	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(B5D460)

Conversions

Conversions Part 1

Format	Color
Hex	B5D460
RGB	181, 212, 96
RGB Percent	71%, 83%, 38%
CMY	0.2902, 0.1686, 0.6235
CMYK	0.15, 0.00, 0.55, 0.17
HSL	76°, 57%, 60%
HSV	76°, 55%, 83%
XYZ	44.7109, 57.7553, 19.8577
YIQ	189.5070, 18.7600, -42.6480

Conversions

Conversions Part 2

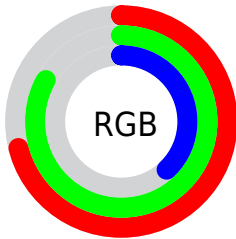
Format	Color
RYB	96, 212, 127
Decimal	11916384
CIELab	80.60, -27.53, 53.14
CIElCh	81, 59.845, 117.387
Yxy	57.7553, 0.3655, 0.4722
Android (android.graphics.Color)	4290106464 (0xFFB5D460)
YUV	189.5070, -46.0990, -7.4606
Hunter-Lab	75.9969, -27.9785, 37.7056

Details

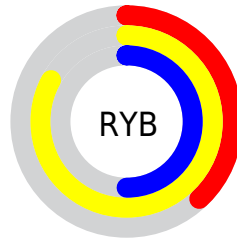
The Hex color **B5D460** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **7F60D4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EFFF96**, and **7E9D2B** is the 20% darker color. If you saturate the color by 10%, you get **AFD44B**, and if you desaturate by 10%, it is **BBD475**.

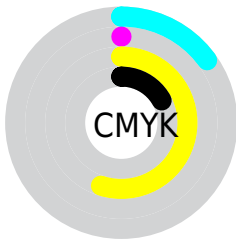
Distribution



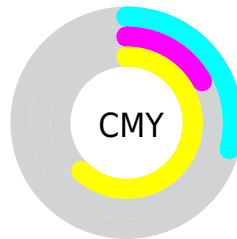
- Red (71%)
- Green (83%)
- Blue (38%)



- Red (38%)
- Yellow (83%)
- Blue (50%)



- Cyan (15%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D460 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 B5D460 by changing the saturation by 10% instead.

 B5D460

 B5D460

FFFFFF

 99B846

 EFFF96

 7E9D2B

 FFFFB1

 638308

 FFFFCE

 486A00

 FFFFEA

 2F5100

 123A00

 002500

 000400

 000000

 B5D460

 B5D460

 AFD44B

 BBD475

 AAD436

 C0D48A

 A4D420

 C6D4A0

 9ED40B

 CCD4B5

 9BD400

 D1D4CA

 D7D4DF

 DDD4F4

 E2D4FF

 E8D4FF

Harmonies

Analogous

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



EDC354



B5D460



6EDF89

Triad

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



B5D460



00DDFF



FF98CF

Complementary

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



B5D460



7F60D4

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.



FFA5FF



B5D460



4BD0FF

Square

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



B5D460



00E3FA



C3BBFF



FF9D98

Rectangle

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



B5D460



00E3AE



C3BBFF



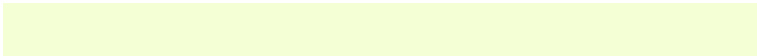
FF9BE2

Sweetspot

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



B5D460



F4FFD6



D47F60



798067



000000



808080

Same Dimension

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



B5D460



D2FF57



7BD460



686B60



7DAB00



202B00

Inverse Universe

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



7F60D4



8457FF



B960D4



63606B



2E00AB



0C002B

Previews

White Background



This preview shows how the Hex color B5D460 looks on a white background.

Color Contrast Check

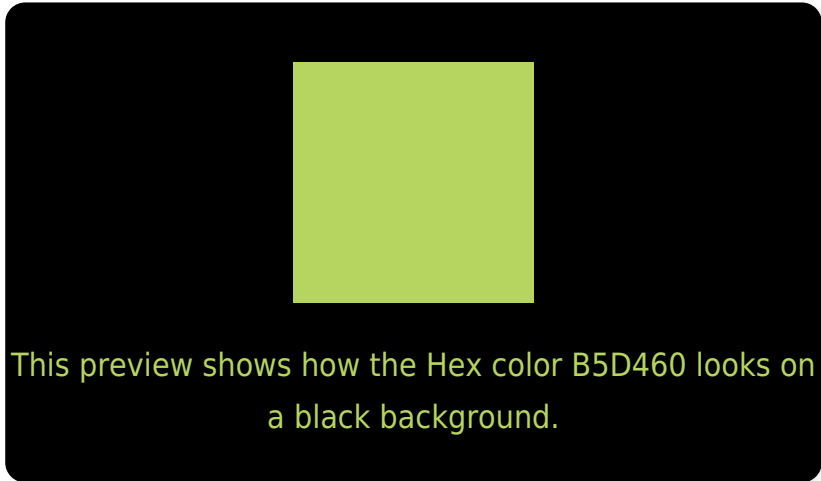
Large Text (above 18pt) WCAG AA × Fail

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 B5D460 Background



This preview shows how black text looks on a background with the Hex color B5D460.

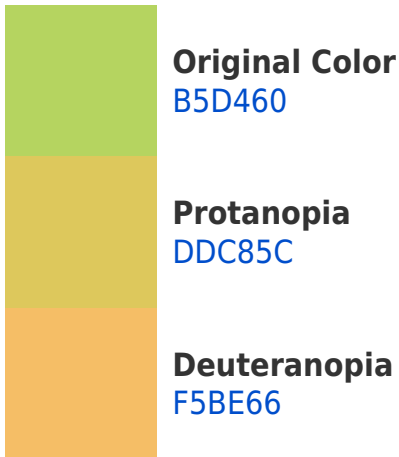


This preview shows how white text looks on a background with the Hex color B5D460.

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
C3C7D7

Trichromacy



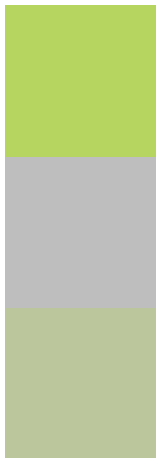
Original Color
B5D460

Protanomaly
CECC5D

Deuteranomaly
DEC664

Tritanomaly
BECCAC

Monochromacy



Original Color
B5D460

Achromatopsia
BEBEBE

Achromatomaly
BBC69C

CSS Examples

Text

The CSS property to change the color of the text to Hex B5D460 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 #B5D460 looks like.

```
.text, #text, p{  
    color:#B5D460  
}
```

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 #B5D460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D460
}
```

Border

The CSS property to change the border of an element to Hex B5D460 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
#B5D460 }
```

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

```
.border{ border-color:#B5D460 }
```

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

Here you see how a box with a 4 pixel #B5D460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D460; -webkit-box-shadow:4px 4px  
4px 4px #B5D460; box-shadow:4px 4px 4px  
4px #B5D460 }
```

Background

The CSS property to change the background color of an element to Hex B5D460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D460 }
```

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

```
.background{ background-color:#B5D460 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor