

# Converting Colors

Hex(ABC65B)

Have a look what the booklet for  
Hex(ABC65B) contains.

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# Color

Hex(ABC65B)

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC65B
RGB	171, 198, 91
RGB Percent	67%, 78%, 36%
CMY	0.3294, 0.2235, 0.6431
CMYK	0.14, 0.00, 0.54, 0.22
HSL	75°, 48%, 57%
HSV	75°, 54%, 78%
XYZ	38.8770, 49.8014, 17.4611
YIQ	177.7290, 18.2550, -39.0010

# Conversions

## Conversions Part 2

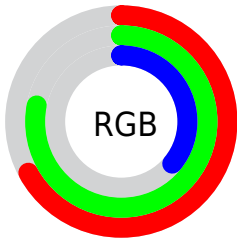
Format	Color
<a href="#">RYB</a>	<a href="#">91, 198, 118</a>
Decimal	<a href="#">11257435</a>
CIELab	<a href="#">75.95, -25.17, 49.87</a>
CIELCh	<a href="#">76, 55.862, 116.780</a>
Yxy	<a href="#">49.8014, 0.3663, 0.4692</a>
Android (android.graphics.Color)	<a href="#">4289447515 (0xFFABC65B)</a>
YUV	<a href="#">177.7290, -42.7574, -5.9013</a>
Hunter-Lab	<a href="#">70.5701, -25.1623, 34.7290</a>

# Details

The Hex color **ABC65B** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **765BC6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E4FF90**, and **749027** is the 20% darker color. If you saturate the color by 10%, you get **A6C647**, and if you desaturate by 10%, it is **B0C66F**.

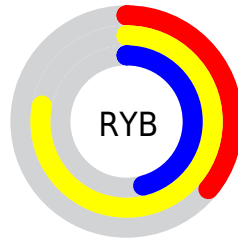
# Distribution



Red (67%)

Green (78%)

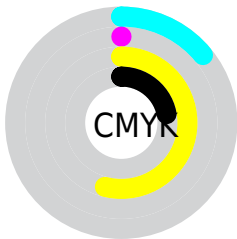
Blue (36%)



Red (36%)

Yellow (78%)

Blue (46%)

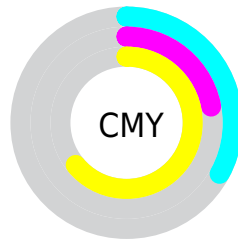


Cyan (14%)

Magenta (0%)

Yellow (54%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABC65B 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 ABC65B by changing the saturation by 10% instead.



 ABC65B

 ABC65B

FFFFFF

 8FAB41

 E4FF90

 749027

 FFFFAB

 5A7605

 FFFFC7

 405E00

 FFFF E4

 274600

 0A2F00

 001D00

 000000

 ABC65B

 ABC65B

 A6C647

 B0C66F

 A1C633

 B5C683

 9CC620

 BAC696

 97C60C

 BFC6AA

 94C600

 C4C6BE

 C9C6D2

 CEC6E6

 D3C6F9

 D8C6FF

# Harmonies

## Analogous

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



DEB751



ABC65B



6AD080

# Triad

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



ABC65B



00CFFF



FF90C3

# Complementary

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



ABC65B



765BC6

# 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.



F69CF4



ABC65B



48C2FF

# Square

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



ABC65B



00D5E8



B6B0FF



FF9390

# Rectangle

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



ABC65B



19D4A2



B6B0FF



FF92D4



# Sweetspot

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



ABC65B



F5FFD6



C6765B



798067



000000



808080



# Same Dimension

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



ABC65B



D5FF59



76C65B



61635A



7AA300



1B2400



# Inverse Universe

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



765BC6



8359FF



AB5BC6



5C5A63



2900A3



090024



# Previews

## White Background



This preview shows how the Hex color ABC65B looks on a white background.

## Color Contrast Check

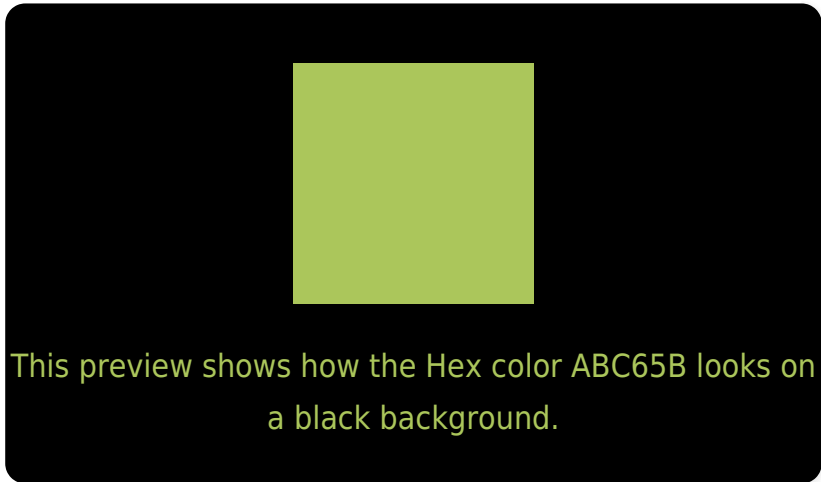
Large Text (above 18pt) WCAG AA × Fail

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 ABC65B Background



This preview shows how black text looks on a background with the Hex color ABC65B.

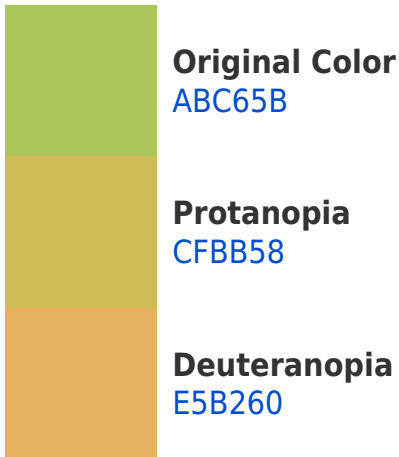



This preview shows how white text looks on a background with the Hex color ABC65B.

# 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](#).

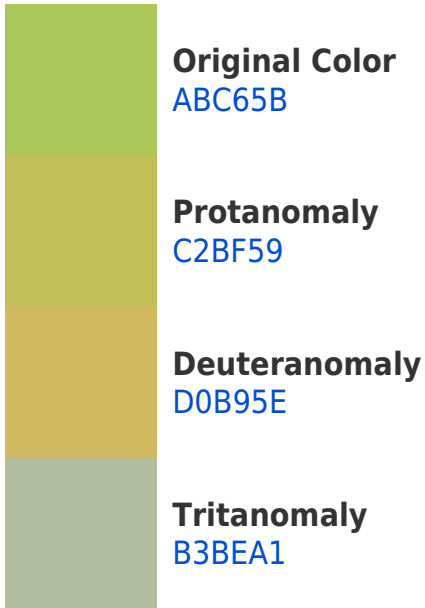
## Dichromacy





**Tritanopia**  
B8BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABC65B 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 #ABC65B looks like.

```
.text, #text, p{  
    color:#ABC65B  
}
```

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 #ABC65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC65B
}
```

## Border

The CSS property to change the border of an element to Hex ABC65B 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
#ABC65B }
```

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

```
.border{ border-color:#ABC65B }
```

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

Here you see how a box with a 4 pixel #ABC65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC65B; -webkit-box-shadow:4px 4px  
4px 4px #ABC65B; box-shadow:4px 4px 4px  
4px #ABC65B }
```

# Background

The CSS property to change the background color of an element to Hex ABC65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC65B }
```

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

```
.background{ background-color:#ABC65B }
```

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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