

# Converting Colors

Hex(6ABD6D)

Have a look what the booklet for  
Hex(6ABD6D) contains.

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# Color

Hex(6ABD6D)

# Conversions

## Conversions Part 1

Format	Color
Hex	6ABD6D
RGB	106, 189, 109
RGB Percent	42%, 74%, 43%
CMY	0.5843, 0.2588, 0.5725
CMYK	0.44, 0.00, 0.42, 0.26
HSL	122°, 39%, 58%
HSV	122°, 44%, 74%
XYZ	26.9018, 40.5635, 20.8797
YIQ	155.0630, -23.7880, -42.4760

# Conversions

## Conversions Part 2

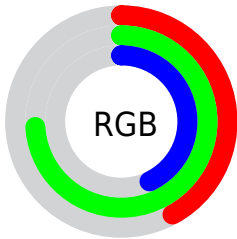
Format	Color
<a href="#">RYB</a>	<a href="#">106, 186, 189</a>
Decimal	<a href="#">6995309</a>
CIELab	<a href="#">69.87, -41.84, 32.72</a>
CIELCh	<a href="#">70, 53.114, 141.976</a>
Yxy	<a href="#">40.5635, 0.3045, 0.4591</a>
Android (android.graphics.Color)	<a href="#">4285185389 (0xFF6ABD6D)</a>
YUV	<a href="#">155.0630, -22.7091, -43.0283</a>
Hunter-Lab	<a href="#">63.6895, -36.0600, 25.1453</a>

# Details

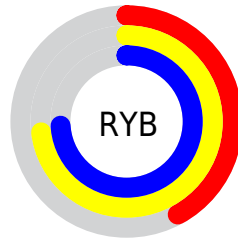
The Hex color **6ABD6D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD6ABA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A1F6A1**, and **32873C** is the 20% darker color. If you saturate the color by 10%, you get **57BD5B**, and if you desaturate by 10%, it is **7DBD7F**.

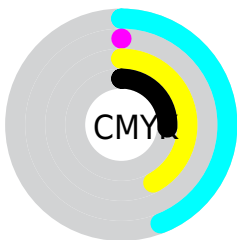
# Distribution



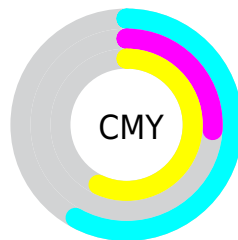
- Red (42%)
- Green (74%)
- Blue (43%)



- Red (42%)
- Yellow (73%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (42%)
- Black (26%)



- Cyan (58%)
- Magenta (26%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ABD6D 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 6ABD6D by changing the saturation by 10% instead.





6ABD6D



6ABD6D

FFFFFF



4FA254



A1F6A1



32873C



BEFFBD



0F6D24



DAFFD9



00540B



F8FFF6



003C00



002700



000000



6ABD6D



6ABD6D



57BD5B



7DBD7F

 44BD49

 90BD91

 31BD36

 A3BDA4

 1EBD24

 B6BDB6

 0CBD12

 C9BDC8

 00BD07

 DBBDDA

 EEBDED

 FFBDFE

# Harmonies

## Analogous

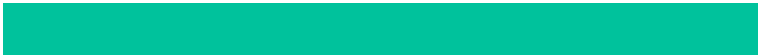
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B34D



6ABD6D



00C29C

# Triad

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



6ABD6D



0DB4FF



FF8489

# Complementary

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



6ABD6D



BD6ABA

# 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.



FD83BA



6ABD6D



99A3FF

# Square

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



6ABD6D



00BEF6



DA90E7



F49260

# Rectangle

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



6ABD6D



00C3BD



DA90E7



FF8299

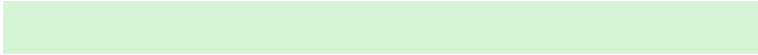


# Sweetspot

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



6ABD6D



D5F5D6



BABD6A



677A68



FAFAFA



7A7A7A



# Same Dimension

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



6ABD6D



73F578



6ABD96



555E55



009E06



001F01



# Inverse Universe

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



BD6ABA



F573F0



BD6A91



5E555E



9E0098



1F001D



# Previews

## White Background



This preview shows how the Hex color 6ABD6D looks on a white background.

## Color Contrast Check

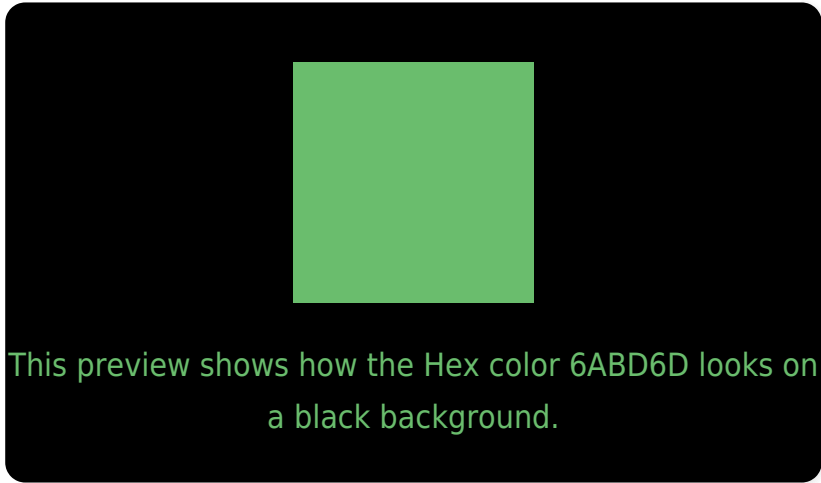
Large Text (above 18pt) WCAG AA × Fail

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

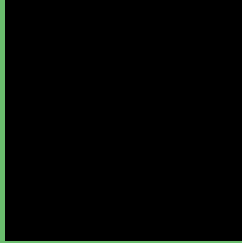
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6ABD6D Background



This preview shows how black text looks on a background with the Hex color 6ABD6D.

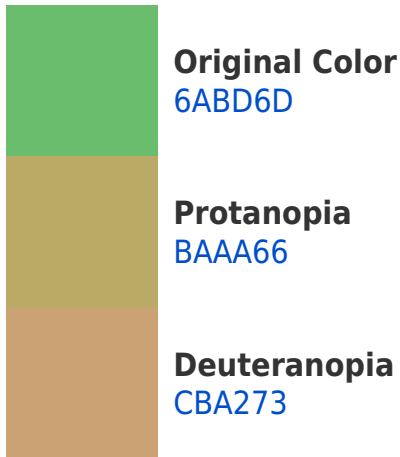


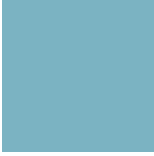
This preview shows how white text looks on a background with the Hex color 6ABD6D.

# 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](#).

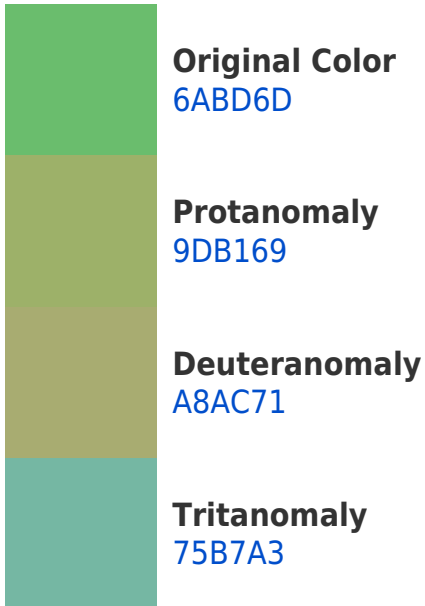
## Dichromacy



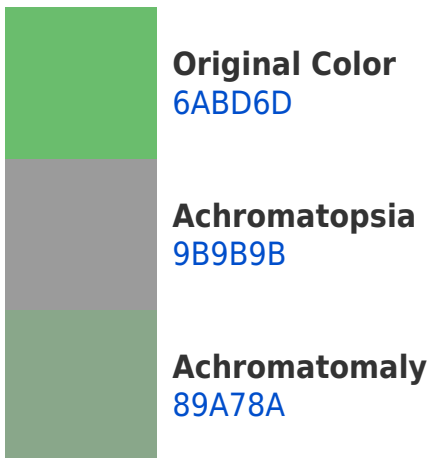


**Tritanopia**  
7BB3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ABD6D 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 #6ABD6D looks like.

```
.text, #text, p{  
    color:#6ABD6D  
}
```

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 #6ABD6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ABD6D
}
```

## Border

The CSS property to change the border of an element to Hex 6ABD6D 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
#6ABD6D }
```

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

```
.border{ border-color:#6ABD6D }
```

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

Here you see how a box with a 4 pixel #6ABD6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ABD6D; -webkit-box-shadow:4px 4px  
4px 4px #6ABD6D; box-shadow:4px 4px 4px  
4px #6ABD6D }
```

# Background

The CSS property to change the background color of an element to Hex 6ABD6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ABD6D }
```

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

```
.background{ background-color:#6ABD6D }
```

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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