

# Converting Colors

Hex(6AAE6B)

Have a look what the booklet for  
Hex(6AAE6B) contains.

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# Color

Hex(6AAE6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	6AAE6B
RGB	106, 174, 107
RGB Percent	42%, 68%, 42%
CMY	0.5843, 0.3176, 0.5804
CMYK	0.39, 0.00, 0.39, 0.32
HSL	121°, 30%, 55%
HSV	121°, 39%, 68%
XYZ	23.7338, 34.3978, 19.2985
YIQ	146.0300, -19.0210, -35.2530

# Conversions

## Conversions Part 2

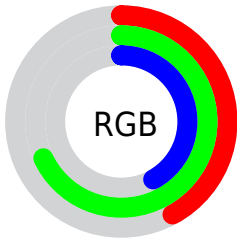
Format	Color
<a href="#">RYB</a>	<a href="#">106, 173, 174</a>
Decimal	<a href="#">6991467</a>
CIELab	<a href="#">65.28, -35.48, 27.79</a>
CIELCh	<a href="#">65, 45.064, 141.928</a>
Yxy	<a href="#">34.3978, 0.3065, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4285181547 (0xFF6AAE6B)</a>
YUV	<a href="#">146.0300, -19.2418, -35.1063</a>
Hunter-Lab	<a href="#">58.6496, -30.4033, 21.5456</a>

# Details

The Hex color **6AAE6B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6AAD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A0E69F**, and **35793A** is the 20% darker color. If you saturate the color by 10%, you get **59AE5A**, and if you desaturate by 10%, it is **7BAE7C**.

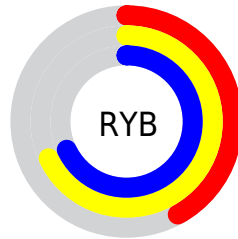
# Distribution



Red (42%)

Green (68%)

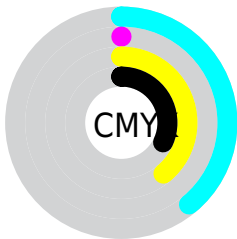
Blue (42%)



Red (42%)

Yellow (68%)

Blue (68%)

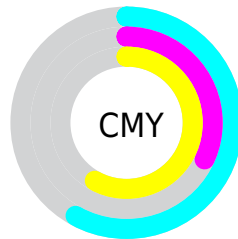


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AAE6B 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 6AAE6B by changing the saturation by 10% instead.



 6AAE6B

 6AAE6B

FFFFFF

 509352

 A0E69F

 35793A

 BCFFBA

 196023

 D8FFD6

 00470C

 F5FFF3

 003000

 001B00

 000000

 6AAE6B

 6AAE6B

 59AE5A

 7BAE7C

 47AE49

 8DAE8D

 36AE38

 9EAE9E

 24AE26

 B0AEB0

 13AE15

 C1AEC1

 02AE04

 D2AED2

 00AE03

 E4AEE3

 F5AEF4

 FFAEFF

# Harmonies

## Analogous

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



99A551



6AAE6B



1EB392

# Triad

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



6AAE6B



3DA6EE



EB7F82

# Complementary

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



6AAE6B



AE6AAD

# 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.



E47EAB



6AAE6B



9198E9

# Square

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



6AAE6B



00AFDD



C689D1



DD8A60

# Rectangle

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



6AAE6B



00B3AE



C689D1



EB7D90



# Sweetspot

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



6AAE6B



C8E3C8



AEAE6A



637363



F2F2F2



737373



# Same Dimension

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



6AAE6B



78E37A



6AAE8C



4E574E



009602



001700



# Inverse Universe

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



AE6AAD



E378E1



AE6A8C



574E57



960094



170017



# Previews

## White Background



This preview shows how the Hex color 6AAE6B looks on a white background.

## Color Contrast Check

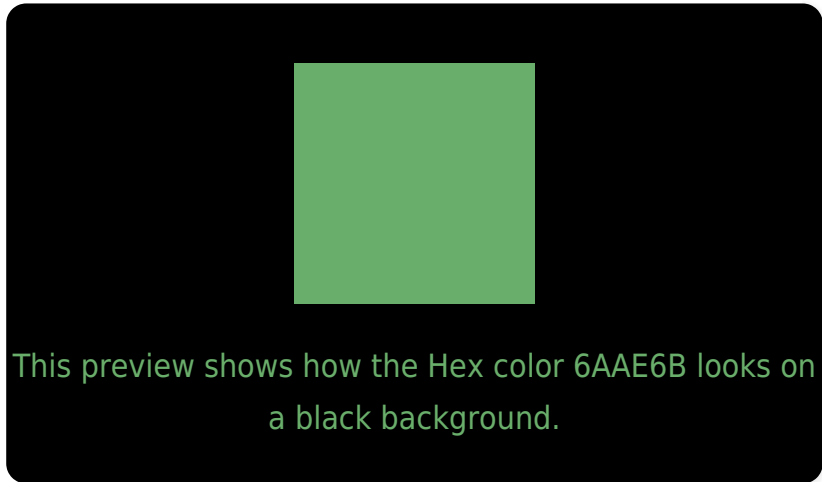
Large Text (above 18pt) WCAG AA × Fail

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 6AAE6B Background



This preview shows how black text looks on a background with the Hex color 6AAE6B.

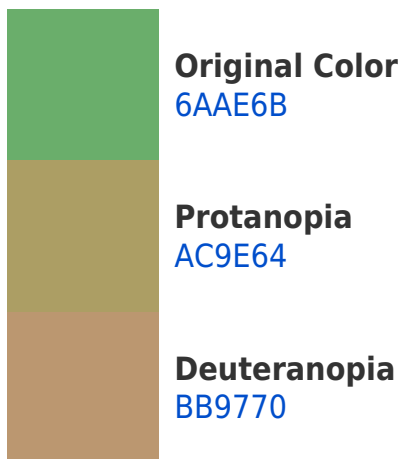


This preview shows how white text looks on a background with the Hex color 6AAE6B.

# 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](#).

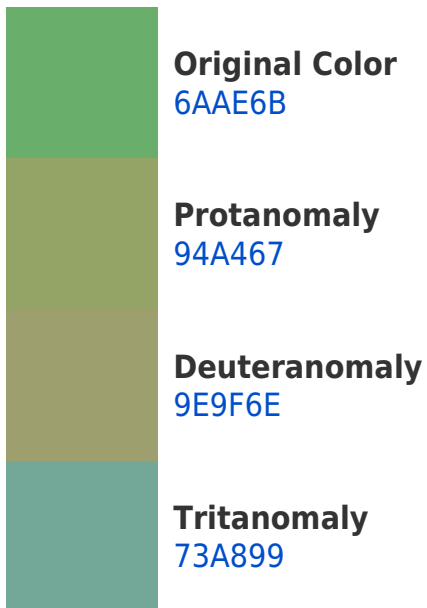
## Dichromacy



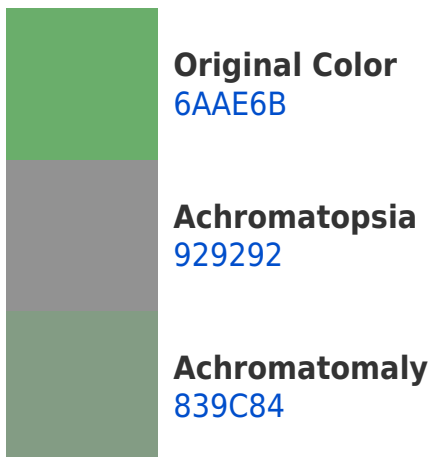


**Tritanopia**  
78A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AAE6B 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 #6AAE6B looks like.

```
.text, #text, p{  
    color:#6AAE6B  
}
```

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 #6AAE6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAE6B
}
```

## Border

The CSS property to change the border of an element to Hex 6AAE6B 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
#6AAE6B }
```

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

```
.border{ border-color:#6AAE6B }
```

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

Here you see how a box with a 4 pixel #6AAE6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAE6B; -webkit-box-shadow:4px 4px  
4px 4px #6AAE6B; box-shadow:4px 4px 4px  
4px #6AAE6B }
```

# Background

The CSS property to change the background color of an element to Hex 6AAE6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAE6B }
```

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

```
.background{ background-color:#6AAE6B }
```

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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