

# Converting Colors

Hex(6BB568)

Have a look what the booklet for  
Hex(6BB568) contains.

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# **Color**

**Hex(6BB568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BB568
RGB	107, 181, 104
RGB Percent	42%, 71%, 41%
CMY	0.5804, 0.2902, 0.5922
CMYK	0.41, 0.00, 0.43, 0.29
HSL	118°, 34%, 56%
HSV	118°, 43%, 71%
XYZ	25.0860, 37.1730, 18.9496
YIQ	150.0960, -19.3870, -39.6350

# Conversions

## Conversions Part 2

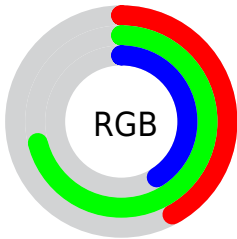
Format	Color
<a href="#">RYB</a>	<a href="#">104, 181, 178</a>
Decimal	<a href="#">7058792</a>
CIELab	<a href="#">67.41, -38.79, 32.14</a>
CIELCh	<a href="#">67, 50.372, 140.352</a>
Yxy	<a href="#">37.1730, 0.3089, 0.4577</a>
Android (android.graphics.Color)	<a href="#">4285248872 (0xFF6BB568)</a>
YUV	<a href="#">150.0960, -22.7253, -37.7952</a>
Hunter-Lab	<a href="#">60.9697, -33.2531, 24.2512</a>

# Details

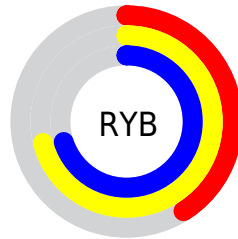
The Hex color **6BB568** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B268B5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A2ED9C**, and **357F37** is the 20% darker color. If you saturate the color by 10%, you get **5AB556**, and if you desaturate by 10%, it is **7CB57A**.

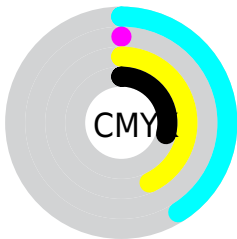
# Distribution



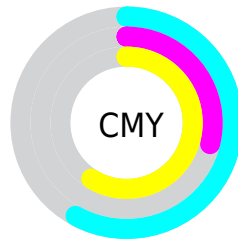
- Red (42%)
- Green (71%)
- Blue (41%)



- Red (41%)
- Yellow (71%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BB568 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 6BB568 by changing the saturation by 10% instead.





6BB568



6BB568

FFFFFF



509A4F



A2ED9C



357F37



BEFFB7



16661F



DAFFD3



004D06



F8FFF0



003500



002100



000000



6BB568



6BB568



5AB556



7CB57A

 48B544

 8EB58C

 37B532

 9FB59E

 25B520

 B1B5B0

 14B50D

 C2B5C3

 07B500

 D3B5D5

 E5B5E7

 F6B5F9

 FFB5FF

# Harmonies

## Analogous

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



A0AB4B



6BB568



00BA93

# Triad

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



6BB568



0BADFD



F97F87

# Complementary

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



6BB568



B268B5

# 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.



F17FB5



6BB568



8F9EF9

# Square

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



6BB568



00B7E9



CE8CDF



EB8C60

# Rectangle

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



6BB568



00BBB3



CE8CDF



F97D96



# Sweetspot

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



6BB568



CDEBCC



B5B168



637563



F5F5F5



757575



# Same Dimension

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



6BB568



78EB73



68B58B



515950



069900



011A00



# Inverse Universe

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



B268B5



E673EB



B56892



595059



930099



19001A



# Previews

## White Background



This preview shows how the Hex color 6BB568 looks on a white background.

## Color Contrast Check

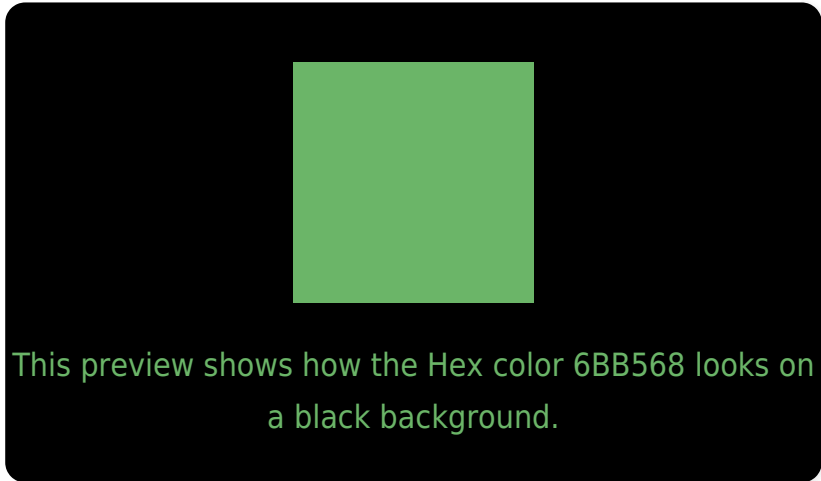
Large Text (above 18pt) WCAG AA × Fail

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

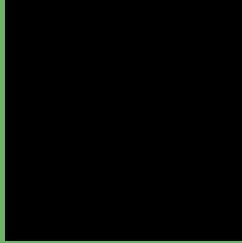
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BB568 Background



This preview shows how black text looks on a background with the Hex color 6BB568.

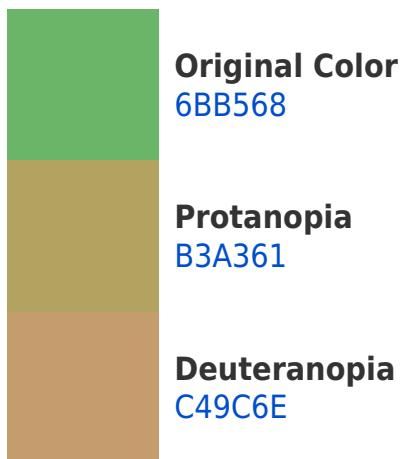


This preview shows how white text looks on a background with the Hex color 6BB568.

# 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](#).

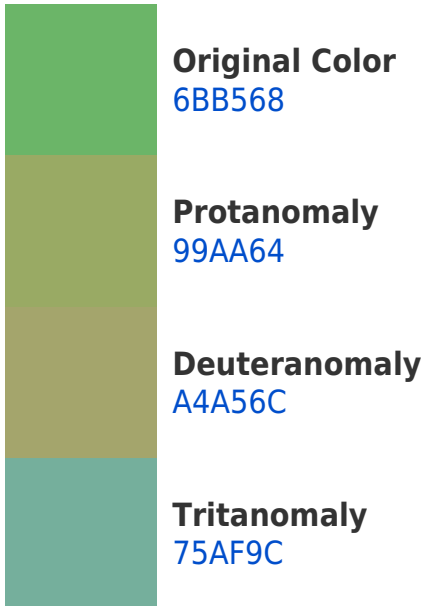
## Dichromacy





**Tritanopia**  
7BACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BB568 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 #6BB568 looks like.

```
.text, #text, p{  
    color:#6BB568  
}
```

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 #6BB568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB568
}
```

## Border

The CSS property to change the border of an element to Hex 6BB568 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
#6BB568 }
```

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

```
.border{ border-color:#6BB568 }
```

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

Here you see how a box with a 4 pixel #6BB568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB568; -webkit-box-shadow:4px 4px  
4px 4px #6BB568; box-shadow:4px 4px 4px  
4px #6BB568 }
```

# Background

The CSS property to change the background color of an element to Hex 6BB568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB568 }
```

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

```
.background{ background-color:#6BB568 }
```

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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