

Converting Colors

Hex(6BB369)

Have a look what the booklet for
Hex(6BB369) contains.

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Color

Hex(6BB369)

Conversions

Conversions Part 1

Format	Color
Hex	6BB369
RGB	107, 179, 105
RGB Percent	42%, 70%, 41%
CMY	0.5804, 0.2980, 0.5882
CMYK	0.40, 0.00, 0.41, 0.30
HSL	118°, 33%, 56%
HSV	118°, 41%, 70%
XYZ	24.7333, 36.3859, 19.0842
YIQ	149.0360, -19.1580, -38.2780

Conversions

Conversions Part 2

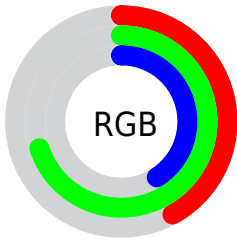
Format	Color
RYB	105, 179, 177
Decimal	7058281
CIELab	66.81, -37.74, 30.86
CIElCh	67, 48.748, 140.731
Yxy	36.3859, 0.3084, 0.4537
Android (android.graphics.Color)	4285248361 (0xFF6BB369)
YUV	149.0360, -21.7097, -36.8656
Hunter-Lab	60.3207, -32.3710, 23.4664

Details

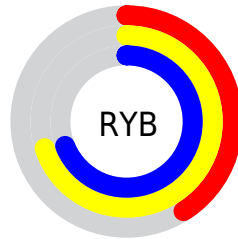
The Hex color **6BB369** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B169B3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A1EB9D**, and **357E38** is the 20% darker color. If you saturate the color by 10%, you get **5AB357**, and if you desaturate by 10%, it is **7CB37B**.

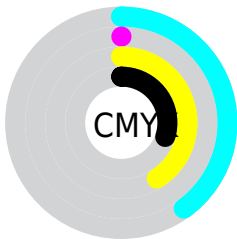
Distribution



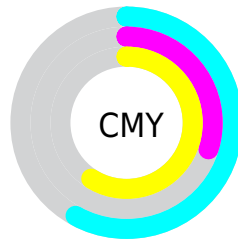
- Red (42%)
- Green (70%)
- Blue (41%)



- Red (41%)
- Yellow (70%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (41%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB369 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 6BB369 by changing the saturation by 10% instead.



6BB369



6BB369

FFFFFF



509850



A1EB9D



357E38



BEFFB8



186421



DAFFD4



004C08



F7FFF1



003400



002000



000000



6BB369



6BB369



5AB357



7CB37B

 48B345

 8EB38D

 37B333

 9FB39F

 25B321

 B1B3B1

 14B30F

 C2B3C3

 05B300

 D3B3D4

 E5B3E6

 F6B3F8

 FFB3FF

Harmonies

Analogous

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



9EA94D



6BB369



00B893

Triad

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



6BB369



23ABF9



F57F86

Complementary

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



6BB369



B169B3

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.



ED7FB2



6BB369



909CF5

Square

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



6BB369



00B5E5



CB8BDB



E78B60

Rectangle

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



6BB369



00B9B1



CB8BDB



F57E94

Sweetspot

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



6BB369



CDE8CC



B3B169



657565



F5F5F5



757575

Same Dimension

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



6BB369



77E874



69B38C



515950



049900



011A00

Inverse Universe

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



B169B3



E574E8



B36990



595059



950099



19001A

Previews

White Background



This preview shows how the Hex color 6BB369 looks on a white background.

Color Contrast Check

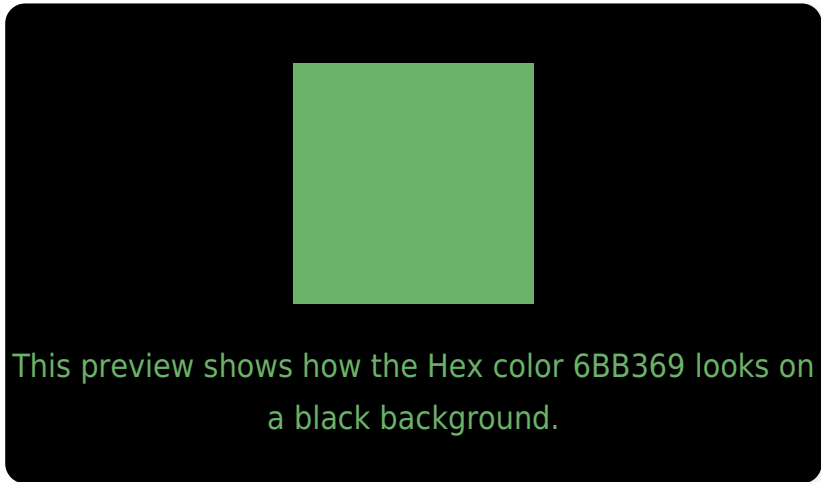
Large Text (above 18pt) WCAG AA × Fail

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

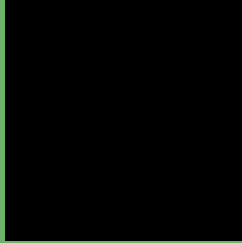
Any Text WCAG AA ✓ Pass

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 6BB369 Background



This preview shows how black text looks on a background with the Hex color 6BB369.

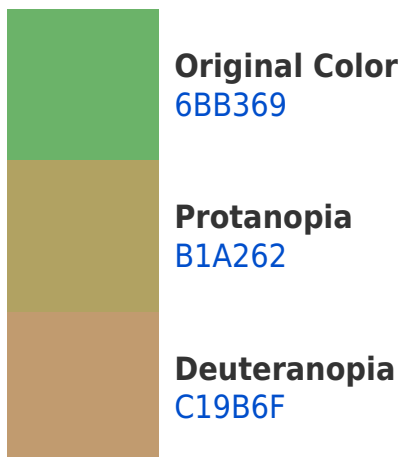


This preview shows how white text looks on a background with the Hex color 6BB369.

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](#).

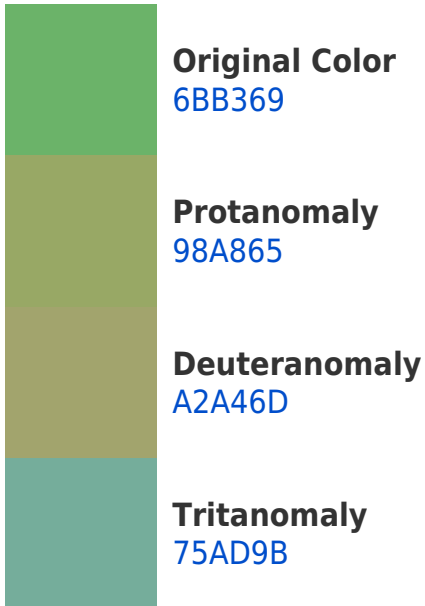
Dichromacy





Tritanopia
7AAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB369 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 #6BB369 looks like.

```
.text, #text, p{  
    color:#6BB369  
}
```

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 #6BB369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB369
}
```

Border

The CSS property to change the border of an element to Hex 6BB369 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
#6BB369 }
```

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

```
.border{ border-color:#6BB369 }
```

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

Here you see how a box with a 4 pixel #6BB369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB369; -webkit-box-shadow:4px 4px  
4px 4px #6BB369; box-shadow:4px 4px 4px  
4px #6BB369 }
```

Background

The CSS property to change the background color of an element to Hex 6BB369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB369 }
```

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

```
.background{ background-color:#6BB369 }
```

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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