

Converting Colors

Hex(6BC659)

Have a look what the booklet for
Hex(6BC659) contains.

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Color

Hex(6BC659)

Conversions

Conversions Part 1

Format	Color
Hex	6BC659
RGB	107, 198, 89
RGB Percent	42%, 78%, 35%
CMY	0.5804, 0.2235, 0.6510
CMYK	0.46, 0.00, 0.55, 0.22
HSL	110°, 49%, 56%
HSV	110°, 55%, 78%
XYZ	28.0607, 44.2352, 16.5105
YIQ	158.3650, -19.2470, -53.1910

Conversions

Conversions Part 2

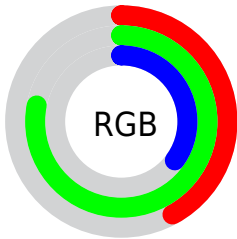
Format	Color
RYB	89, 198, 180
Decimal	7063129
CIELab	72.39, -48.04, 45.74
CIELCh	72, 66.330, 136.406
Yxy	44.2352, 0.3160, 0.4981
Android (android.graphics.Color)	4285253209 (0xFF6BC659)
YUV	158.3650, -34.1969, -45.0471
Hunter-Lab	66.5096, -41.0819, 31.8384

Details

The Hex color **6BC659** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **B459C6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A4FF8E**, and **308F25** is the 20% darker color. If you saturate the color by 10%, you get **5AC645**, and if you desaturate by 10%, it is **7CC66D**.

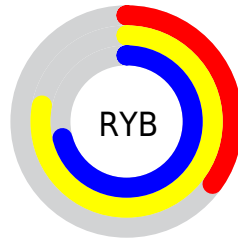
Distribution



Red (42%)

Green (78%)

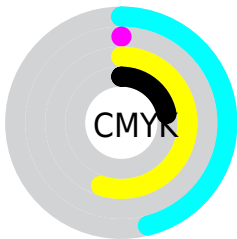
Blue (35%)



Red (35%)

Yellow (78%)

Blue (71%)

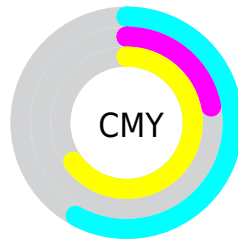


Cyan (46%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (58%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC659 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 6BC659 by changing the saturation by 10% instead.

 6BC659

 6BC659

FFFFFF

 4EAA3F

 A4FF8E

 308F25

 C0FFA9

 037505

 DEFFC5

 005C00


 FBFFE1

 004300

FFFFFFE

 002D00

 000F00

 000000

 6BC659

 6BC659

 5AC645

 7CC66D

 4AC631

 8CC681

 39C61E

 9DC694

 29C60A

 ADC6A8

 21C600

 BEC6BC

 CEC6D0

 DFC6E4

 EFC6F7

 FFC6FF

Harmonies

Analogous

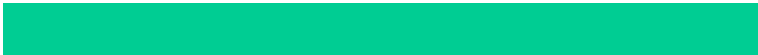
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2B931



6BC659



00CD93

Triad

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



6BC659



00C0FF



FF7A93

Complementary

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



6BC659



B459C6

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.



FF7DD0



6BC659



7EADFF

Square

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



6BC659



00CBFF



DF93FF



FF8C5C

Rectangle

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



6BC659



00CFBD



DF93FF



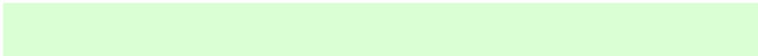
FF78A7

Sweetspot

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



6BC659



DBFFD4



C6B459



6A8066



000000



808080

Same Dimension

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



6BC659



72FF57



59C67D



5B635A



1BA300



062400

Inverse Universe

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



B459C6



E357FF



C659A2



625A63



8800A3



1E0024

Previews

White Background



This preview shows how the Hex color 6BC659 looks on a white background.

Color Contrast Check

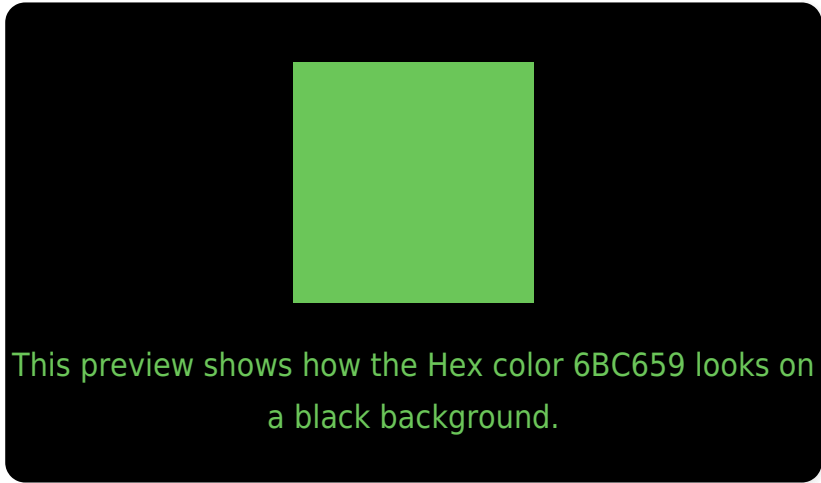
Large Text (above 18pt) WCAG AA × Fail

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 6BC659 Background



This preview shows how black text looks on a background with the Hex color 6BC659.

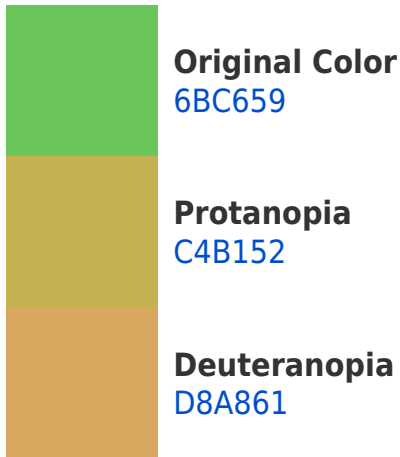


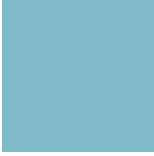
This preview shows how white text looks on a background with the Hex color 6BC659.

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
80BAC9

Trichromacy



Original Color
6BC659



Protanomaly
A4B955



Deuteranomaly
B0B35E



Tritanomaly
78BEA0

Monochromacy



Original Color
6BC659



Achromatopsia
9E9E9E



Achromatomaly
8BAD85

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC659 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 #6BC659 looks like.

```
.text, #text, p{  
    color:#6BC659  
}
```

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 #6BC659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC659
}
```

Border

The CSS property to change the border of an element to Hex 6BC659 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
#6BC659 }
```

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

```
.border{ border-color:#6BC659 }
```

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

Here you see how a box with a 4 pixel #6BC659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC659; -webkit-box-shadow:4px 4px  
4px 4px #6BC659; box-shadow:4px 4px 4px  
4px #6BC659 }
```

Background

The CSS property to change the background color of an element to Hex 6BC659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC659 }
```

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

```
.background{ background-color:#6BC659 }
```

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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