

Converting Colors

Hex(68B559)

Have a look what the booklet for
Hex(68B559) contains.

Hex(68B559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(68B559)

Conversions

Conversions Part 1

Format	Color
Hex	68B559
RGB	104, 181, 89
RGB Percent	41%, 71%, 35%
CMY	0.5922, 0.2902, 0.6510
CMYK	0.43, 0.00, 0.51, 0.29
HSL	110°, 38%, 53%
HSV	110°, 51%, 71%
XYZ	24.0360, 36.7121, 15.2705
YIQ	147.4890, -16.3600, -44.9360

Conversions

Conversions Part 2

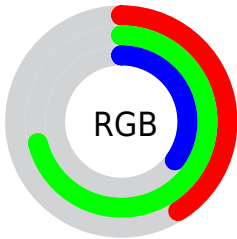
Format	Color
RYB	89, 181, 166
Decimal	6862169
CIELab	67.06, -41.83, 39.30
CIElCh	67, 57.395, 136.790
Yxy	36.7121, 0.3162, 0.4829
Android (android.graphics.Color)	4285052249 (0xFF68B559)
YUV	147.4890, -28.8351, -38.1399
Hunter-Lab	60.5905, -35.2232, 27.4706

Details

The Hex color **68B559** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A659B5**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9FED8D**, and **307F27** is the 20% darker color. If you saturate the color by 10%, you get **59B547**, and if you desaturate by 10%, it is **77B56B**.

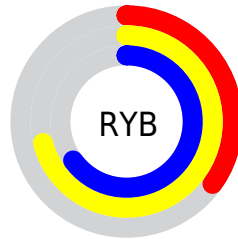
Distribution



Red (41%)

Green (71%)

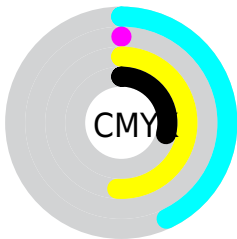
Blue (35%)



Red (35%)

Yellow (71%)

Blue (65%)

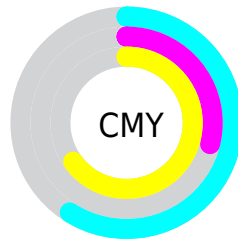


Cyan (43%)

Magenta (0%)

Yellow (51%)

Black (29%)



Cyan (59%)

Magenta (29%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B559 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 68B559 by changing the saturation by 10% instead.



68B559



68B559

FFFFFF



4D9A40



9FED8D



307F27



BBFFA8



0D660C



D8FFC4



004D00



F6FFE0



003500

FFFFFFD



002000



000000



68B559



68B559



59B547



77B56B

 4AB535

 86B57D

 3BB523

 95B58F

 2BB511

 A5B5A1

 1EB500

 B4B5B4

 C3B5C6

 D2B5D8

 E1B5EA

 F0B5FC

Harmonies

Analogous

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



A4A939



68B559



00BB8A

Triad

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



68B559



00AFFF



FF7688

Complementary

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



68B559



A659B5

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.



F678BC



68B559



7C9FFF

Square

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



68B559



00B9ED



CB89EA



F5845A

Rectangle

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



68B559



00BDAE



CB89EA



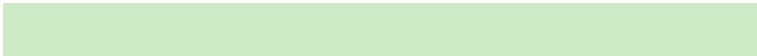
FF7599

Sweetspot

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



68B559



CDEBC7



B5A659



647560



F5F5F5



757575

Same Dimension

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



68B559



73EB5B



59B578



525950



199900



041A00

Inverse Universe

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



A659B5



D35BEB



B55996



585059



800099



15001A

Previews

White Background



This preview shows how the Hex color 68B559 looks on a white background.

Color Contrast Check

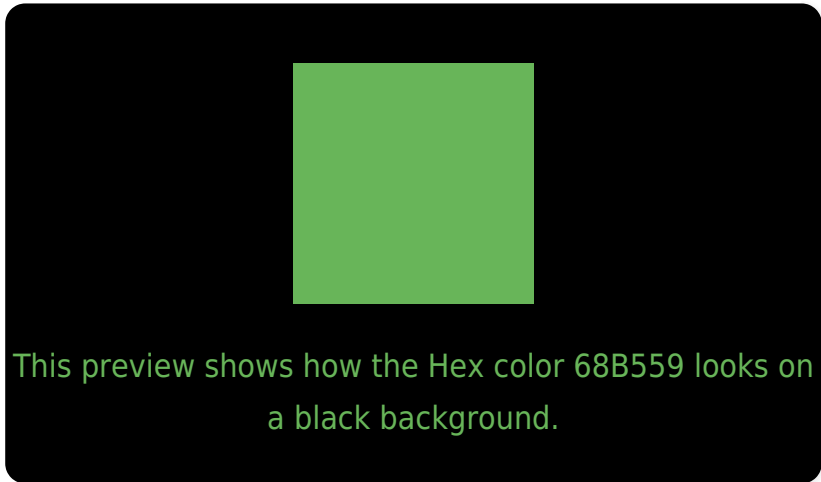
Large Text (above 18pt) WCAG AA × Fail

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

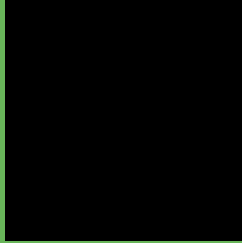
Any Text WCAG AA ✓ Pass

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 68B559 Background



This preview shows how black text looks on a background with the Hex color 68B559.



This preview shows how white text looks on a background with the Hex color 68B559.

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](#).

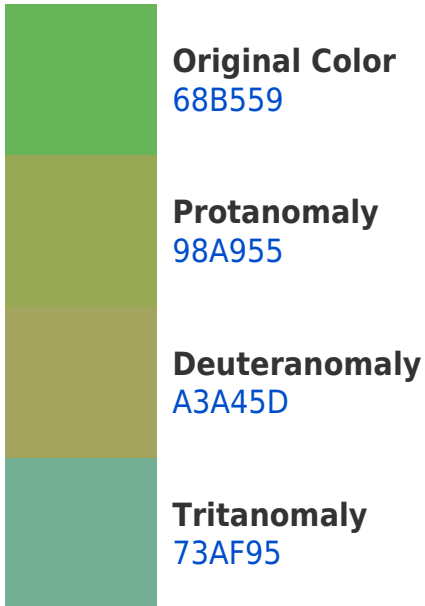
Dichromacy





Tritanopia
7AABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B559 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 #68B559 looks like.

```
.text, #text, p{  
    color:#68B559  
}
```

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 #68B559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B559
}
```

Border

The CSS property to change the border of an element to Hex 68B559 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
#68B559 }
```

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

```
.border{ border-color:#68B559 }
```

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

Here you see how a box with a 4 pixel #68B559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B559; -webkit-box-shadow:4px 4px  
4px 4px #68B559; box-shadow:4px 4px 4px  
4px #68B559 }
```

Background

The CSS property to change the background color of an element to Hex 68B559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B559 }
```

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

```
.background{ background-color:#68B559 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor