

# Converting Colors

Hex(68B53E)

Have a look what the booklet for  
Hex(68B53E) contains.

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# **Color**

**Hex(68B53E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68B53E
RGB	104, 181, 62
RGB Percent	41%, 71%, 24%
CMY	0.5922, 0.2902, 0.7569
CMYK	0.43, 0.00, 0.66, 0.29
HSL	99°, 49%, 48%
HSV	99°, 66%, 71%
XYZ	23.1023, 36.3386, 10.3539
YIQ	144.4110, -7.6930, -53.3330

# Conversions

## Conversions Part 2

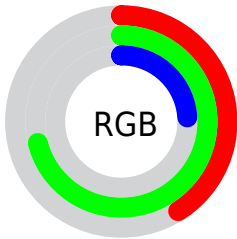
Format	Color
<a href="#">RYB</a>	<a href="#">62, 181, 139</a>
Decimal	<a href="#">6862142</a>
CIELab	<a href="#">66.78, -44.76, 51.43</a>
CIELCh	<a href="#">67, 68.184, 131.033</a>
Yxy	<a href="#">36.3386, 0.3310, 0.5206</a>
Android (android.graphics.Color)	<a href="#">4285052222 (0xFF68B53E)</a>
YUV	<a href="#">144.4110, -40.6286, -35.4404</a>
Hunter-Lab	<a href="#">60.2815, -37.0843, 32.0135</a>

# Details

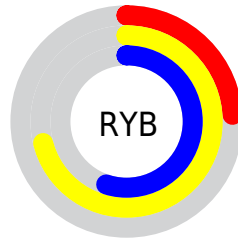
The Hex color **68B53E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **8B3EB5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A0ED73**, and **2E7F00** is the 20% darker color. If you saturate the color by 10%, you get **5CB52C**, and if you desaturate by 10%, it is **74B550**.

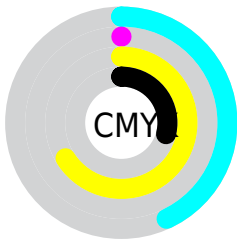
# Distribution



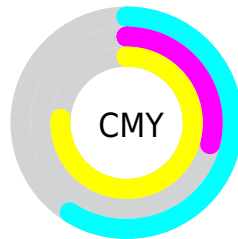
- Red (41%)
- Green (71%)
- Blue (24%)



- Red (24%)
- Yellow (71%)
- Blue (55%)



- Cyan (43%)
- Magenta (0%)
- Yellow (66%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68B53E 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 68B53E by changing the saturation by 10% instead.



 68B53E

 68B53E

FFFFFF

 4C9A22

 A0ED73

 2E7F00

 BDFF8E

 056600

 DAFFA9

 004D00

 F7FFC5

 003500

 FFFFE2

 002000

 000000

 68B53E

 68B53E

 5CB52C

 74B550

 51B51A

 7FB562

 45B508

 8BB574

 40B500

 97B586

 A3B599

 AEB5AB

 BAB5BD

 C6B5CF

 D1B5E1

# Harmonies

## Analogous

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



ACA711



68B53E



00BD78

# Triad

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



68B53E



00B4FF



FF668E

# Complementary

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



68B53E



8B3EB5

# 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.



FD6ECC



68B53E



47A2FF

# Square

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



68B53E



00BDF2



C288FF



FF7755

# Rectangle

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



68B53E



00BFA3



C288FF



FF66A3

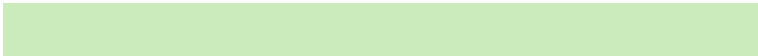


# Sweetspot

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



68B53E



CCEBBC



B5893E



637559



F5F5F5



757575



# Same Dimension

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



68B53E



73EB31



3EB54E



535950



369900



091A00



# Inverse Universe

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



8B3EB5



A931EB



B53EA5



565059



630099



11001A



# Previews

## White Background



This preview shows how the Hex color 68B53E looks on a white background.

## Color Contrast Check

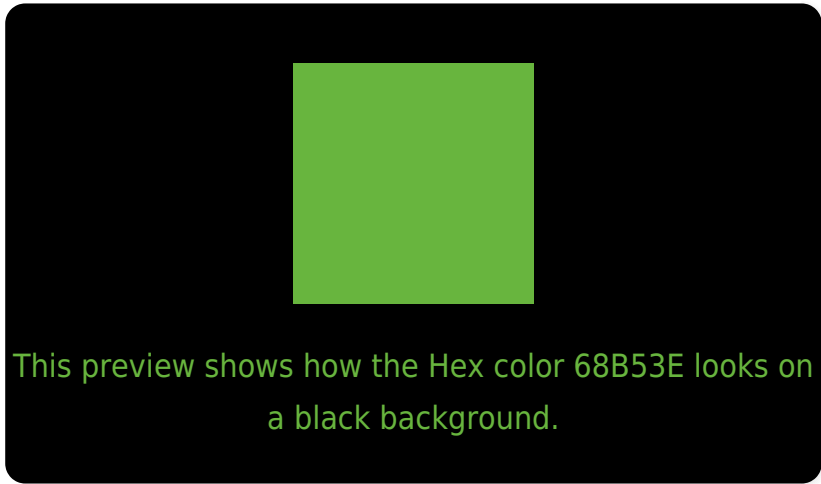
Large Text (above 18pt) WCAG AA × Fail

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 68B53E Background



This preview shows how black text looks on a background with the Hex color 68B53E.



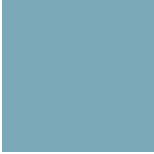
This preview shows how white text looks on a background with the Hex color 68B53E.

# 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**  
7CA9B7

# Trichromacy



**Original Color**  
68B53E



**Protanomaly**  
99A93B



**Deuteranomaly**  
A5A444



**Tritanomaly**  
75AD8B

# Monochromacy



**Original Color**  
68B53E



**Achromatopsia**  
909090



**Achromatomaly**  
819D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68B53E 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 #68B53E looks like.

```
.text, #text, p{  
    color:#68B53E  
}
```

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 #68B53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B53E
}
```

## Border

The CSS property to change the border of an element to Hex 68B53E 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
#68B53E }
```

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

```
.border{ border-color:#68B53E }
```

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

Here you see how a box with a 4 pixel #68B53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B53E; -webkit-box-shadow:4px 4px  
4px 4px #68B53E; box-shadow:4px 4px 4px  
4px #68B53E }
```

# Background

The CSS property to change the background color of an element to Hex 68B53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B53E }
```

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

```
.background{ background-color:#68B53E }
```

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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