

# Converting Colors

Hex(68B560)

Have a look what the booklet for  
Hex(68B560) contains.

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**Color**

**Hex(68B560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68B560
RGB	104, 181, 96
RGB Percent	41%, 71%, 38%
CMY	0.5922, 0.2902, 0.6235
CMYK	0.43, 0.00, 0.47, 0.29
HSL	114°, 36%, 54%
HSV	114°, 47%, 71%
XYZ	24.3441, 36.8353, 16.8932
YIQ	148.2870, -18.6070, -42.7590

# Conversions

## Conversions Part 2

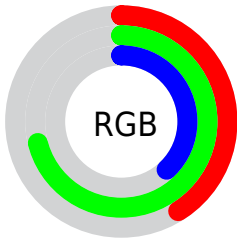
Format	Color
<a href="#">RYB</a>	<a href="#">96, 181, 173</a>
Decimal	<a href="#">6862176</a>
CIELab	<a href="#">67.15, -40.89, 35.90</a>
CIElCh	<a href="#">67, 54.410, 138.716</a>
Yxy	<a href="#">36.8353, 0.3118, 0.4718</a>
Android (android.graphics.Color)	<a href="#">4285052256 (0xFF68B560)</a>
YUV	<a href="#">148.2870, -25.7775, -38.8397</a>
Hunter-Lab	<a href="#">60.6921, -34.6134, 25.9816</a>

# Details

The Hex color **68B560** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AD60B5**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9FED94**, and **317F2F** is the 20% darker color. If you saturate the color by 10%, you get **58B54E**, and if you desaturate by 10%, it is **78B572**.

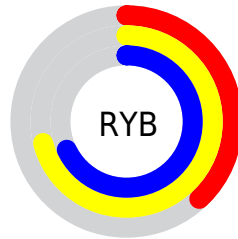
# Distribution



Red (41%)

Green (71%)

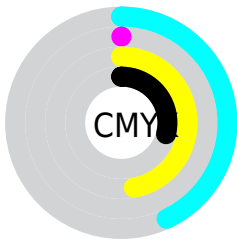
Blue (38%)



Red (38%)

Yellow (71%)

Blue (68%)

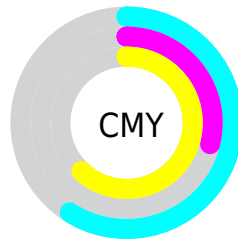


Cyan (43%)

Magenta (0%)

Yellow (47%)

Black (29%)



Cyan (59%)

Magenta (29%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68B560 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 68B560 by changing the saturation by 10% instead.



 68B560

 68B560

FFFFFF

 4D9A47

 9FED94

 317F2F

 BBFFAF

 0F6616

 D8FFCB

 004D00

 F5FFE7

 003500

 002100

 000000

 68B560

 68B560

 58B54E

 78B572

 47B53C

 89B584

 37B52A


 99B596

 26B518

 AAB5A8

 16B505

 BAB5BB

 11B500

 CAB5CD

 DBB5DF

 EBB5F1

 FCB5FF

# Harmonies

## Analogous

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



A1AA41



68B560



00BB8F

# Triad

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



68B560



00AEFF



FF7A87

# Complementary

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



68B560



AD60B5

# 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.



F47BB8



68B560



869EFF

# Square

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



68B560



00B8EC



CD8AE5



F0885B

# Rectangle

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



68B560



00BCB1



CD8AE5



FE7897



# Sweetspot

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



68B560



CDEBCA



B5AD60



637561



F5F5F5



757575



# Same Dimension

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



68B560



74EB67



60B582



515950



0E9900



021A00



# Inverse Universe

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



AD60B5



DE67EB



B56093



585059



8B0099



17001A



# Previews

## White Background



This preview shows how the Hex color 68B560 looks on a white background.

## Color Contrast Check

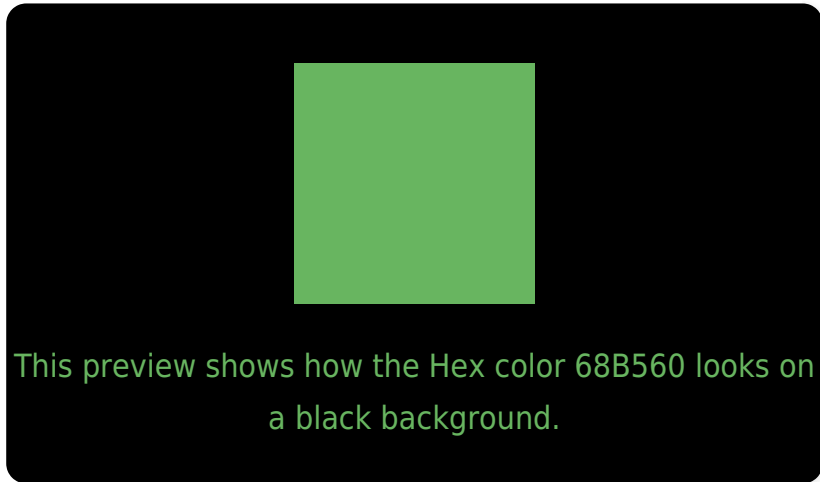
Large Text (above 18pt) WCAG AA × Fail

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 68B560 Background



This preview shows how black text looks on a background with the Hex color 68B560.



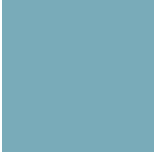
This preview shows how white text looks on a background with the Hex color 68B560.

# 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](#).

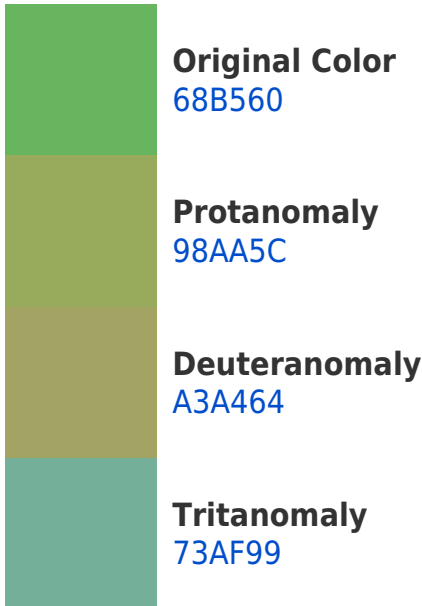
## Dichromacy



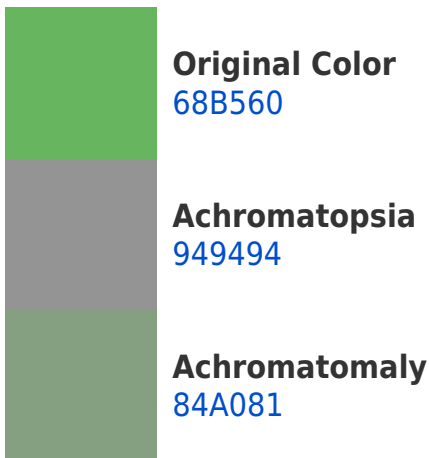


**Tritanopia**  
79ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68B560 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 #68B560 looks like.

```
.text, #text, p{  
    color:#68B560  
}
```

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 #68B560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B560
}
```

## Border

The CSS property to change the border of an element to Hex 68B560 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
#68B560 }
```

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

```
.border{ border-color:#68B560 }
```

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

Here you see how a box with a 4 pixel #68B560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B560; -webkit-box-shadow:4px 4px  
4px 4px #68B560; box-shadow:4px 4px 4px  
4px #68B560 }
```

# Background

The CSS property to change the background color of an element to Hex 68B560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B560 }
```

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

```
.background{ background-color:#68B560 }
```

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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