

# Converting Colors

Hex(8BD75C)

Have a look what the booklet for  
Hex(8BD75C) contains.

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**Color**

**Hex(8BD75C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BD75C
RGB	139, 215, 92
RGB Percent	55%, 84%, 36%
CMY	0.4549, 0.1569, 0.6392
CMYK	0.35, 0.00, 0.57, 0.16
HSL	97°, 61%, 60%
HSV	97°, 57%, 84%
XYZ	36.8797, 54.8626, 18.7710
YIQ	178.2540, -5.8130, -54.3650

# Conversions

## Conversions Part 2

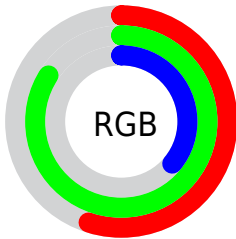
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 215, 168
Decimal	9164636
CIELab	78.96, -44.63, 52.42
CIELCh	79, 68.844, 130.414
Yxy	54.8626, 0.3337, 0.4964
Android (android.graphics.Color)	4287354716 (0xFF8BD75C)
YUV	178.2540, -42.5232, -34.4258
Hunter-Lab	74.0693, -40.7447, 36.8229

# Details

The Hex color **8BD75C** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A85CD7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C4FF92**, and **53A026** is the 20% darker color. If you saturate the color by 10%, you get **7ED746**, and if you desaturate by 10%, it is **98D771**.

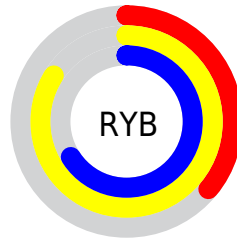
# Distribution



Red (55%)

Green (84%)

Blue (36%)



Red (36%)

Yellow (84%)

Blue (66%)

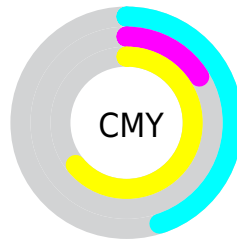


Cyan (35%)

Magenta (0%)

Yellow (57%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BD75C 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 8BD75C by changing the saturation by 10% instead.





8BD75C



8BD75C

FFFFFF



6FBB42



C4FF92



53A026



E1FFAD



368500



FFFFC9



136B00



FFFFE6



005200



003A00



002500



000000



8BD75C



8BD75C

 7ED746

 98D771

 70D731

 A6D787

 63D71B

 B3D79C

 56D706

 C0D7B2

 52D700

 CDD7C8

 DBD7DD

 E8D7F2

 F5D7FF

 FFD7FF

# Harmonies

## Analogous

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



D1C73A



8BD75C



00E096

# Triad

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



8BD75C



00D6FF



FF89B0

# Complementary

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



8BD75C



A85CD7

# 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.



FF90F0



8BD75C



71C3FF

# Square

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



8BD75C



00E0FF



E4A9FF



FF9873

# Rectangle

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



8BD75C



00E2C2



E4A9FF



FF89C5

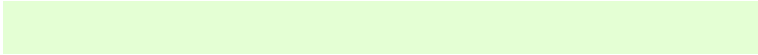


# Sweetspot

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



8BD75C



E4FFD4



D7A85C



708066



000000



808080



# Same Dimension

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



8BD75C



92FF4F



5CD76A



646B60



41AB00



112B00



# Inverse Universe

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



A85CD7



BC4FFF



D75CC9



67606B



6A00AB



1B002B



# Previews

## White Background



This preview shows how the Hex color 8BD75C looks on a white background.

## Color Contrast Check

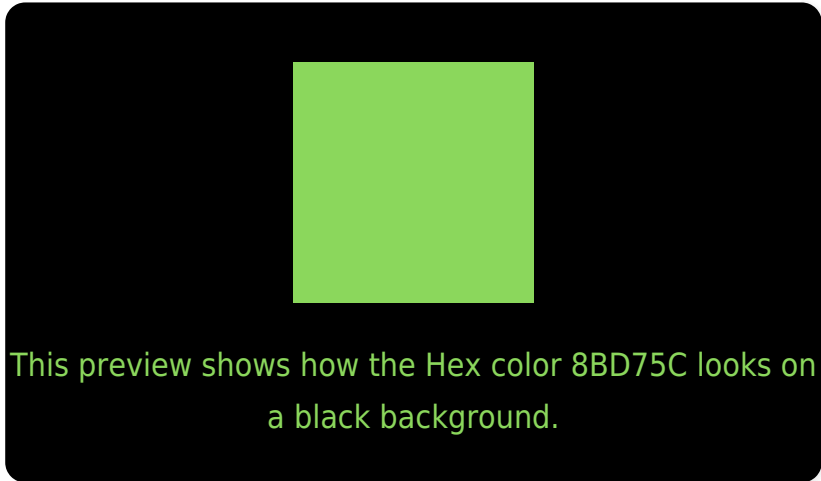
Large Text (above 18pt) WCAG AA × Fail

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 8BD75C Background



This preview shows how black text looks on a background with the Hex color 8BD75C.

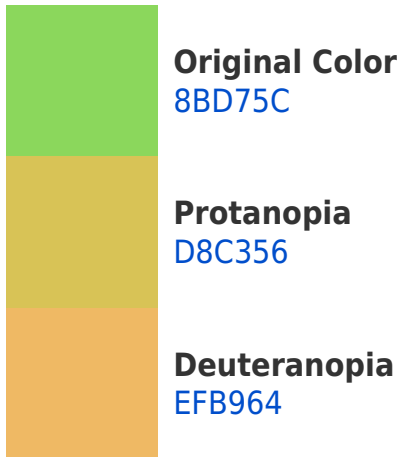


This preview shows how white text looks on a background with the Hex color 8BD75C.

# Color Blindness Simulation

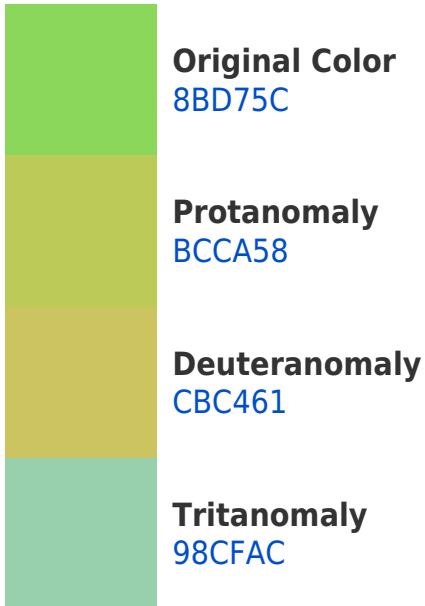
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

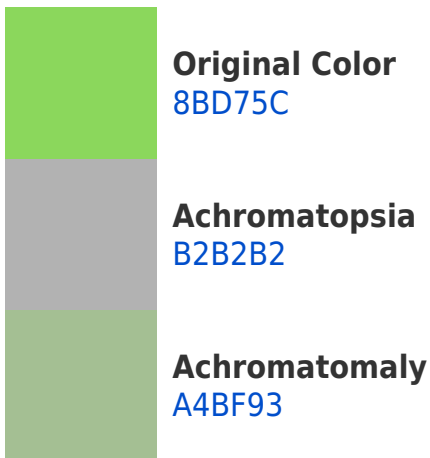




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BD75C 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 #8BD75C looks like.

```
.text, #text, p{  
    color:#8BD75C  
}
```

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 #8BD75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD75C
}
```

## Border

The CSS property to change the border of an element to Hex 8BD75C 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
#8BD75C }
```

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

```
.border{ border-color:#8BD75C }
```

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

Here you see how a box with a 4 pixel #8BD75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD75C; -webkit-box-shadow:4px 4px  
4px 4px #8BD75C; box-shadow:4px 4px 4px  
4px #8BD75C }
```

# Background

The CSS property to change the background color of an element to Hex 8BD75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD75C }
```

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

```
.background{ background-color:#8BD75C }
```

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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