

# Converting Colors

Hex(8BC25E)

Have a look what the booklet for  
Hex(8BC25E) contains.

<b>Hex(8BC25E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8BC25E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC25E
RGB	139, 194, 94
RGB Percent	55%, 76%, 37%
CMY	0.4549, 0.2392, 0.6314
CMYK	0.28, 0.00, 0.52, 0.24
HSL	93°, 45%, 56%
HSV	93°, 52%, 76%
XYZ	31.9596, 44.8807, 17.5681
YIQ	166.1550, -0.6800, -42.7600

# Conversions

## Conversions Part 2

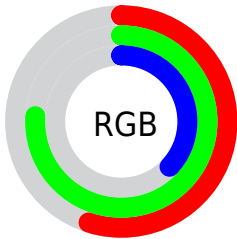
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 194, 149
Decimal	9159262
CIELab	72.81, -35.13, 44.25
CIELCh	73, 56.494, 128.446
Yxy	44.8807, 0.3385, 0.4754
Android (android.graphics.Color)	4287349342 (0xFF8BC25E)
YUV	166.1550, -35.5724, -23.8149
Hunter-Lab	66.9931, -32.0828, 31.3471

# Details

The Hex color **8BC25E** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **955EC2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C3FB93**, and **558C2B** is the 20% darker color. If you saturate the color by 10%, you get **80C24B**, and if you desaturate by 10%, it is **96C271**.

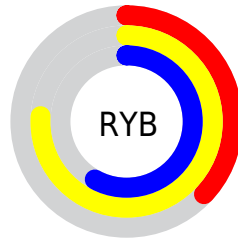
# Distribution



Red (55%)

Green (76%)

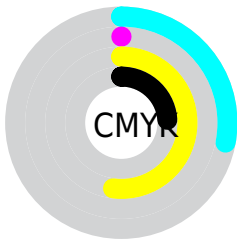
Blue (37%)



Red (37%)

Yellow (76%)

Blue (58%)

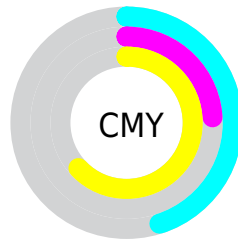


Cyan (28%)

Magenta (0%)

Yellow (52%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC25E 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 8BC25E by changing the saturation by 10% instead.





8BC25E



8BC25E

FFFFFF



70A745



C3FB93



558C2B



DFFFAE



3B720F



FDFPCA



1F5900



FFFFE6



004100



002B00



001200



000000



8BC25E



8BC25E

 80C24B

 96C271

 76C237

 A0C285

 6BC224

 ABC298

 60C210

 B6C2AC

 57C200

 C0C2BF

 CBC2D2

 D6C2E6

 E0C2F9

 EBC2FF

# Harmonies

## Analogous

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



C2B547



8BC25E



39CA8B

# Triad

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



8BC25E



00C2FF



FF86A6

# Complementary

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



8BC25E



955EC2

# 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.



FD8CDA



8BC25E



71B3FF

# Square

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



8BC25E



00CAF2



C99FFF



FF9075

# Rectangle

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



8BC25E



00CCA8



C99FFF



FF86B8



# Sweetspot

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



8BC25E



E8FCD7



C2955E



738069



000000



808080



# Same Dimension

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



8BC25E



A6FC60



5EC263



5C6157



48A100



0F2100



# Inverse Universe

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



955EC2



B660FC



C25EBD



5D5761



5800A1



120021



# Previews

## White Background



This preview shows how the Hex color 8BC25E looks on a white background.

## Color Contrast Check

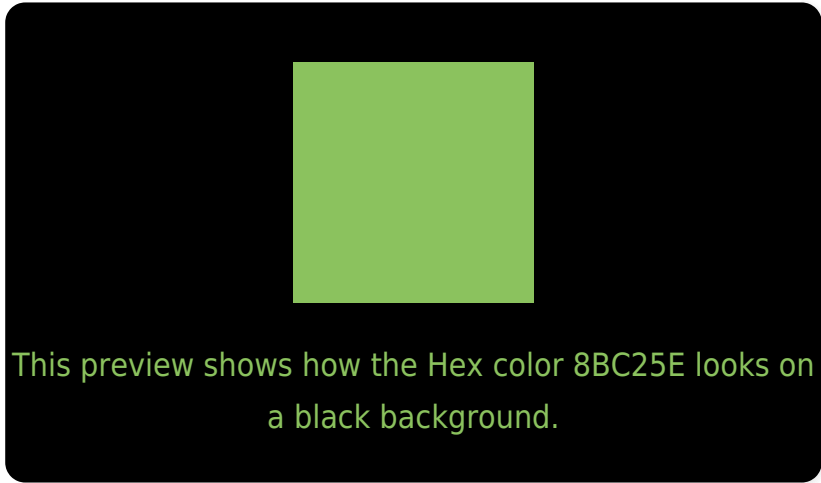
Large Text (above 18pt) WCAG AA × Fail

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 8BC25E Background



This preview shows how black text looks on a background with the Hex color 8BC25E.

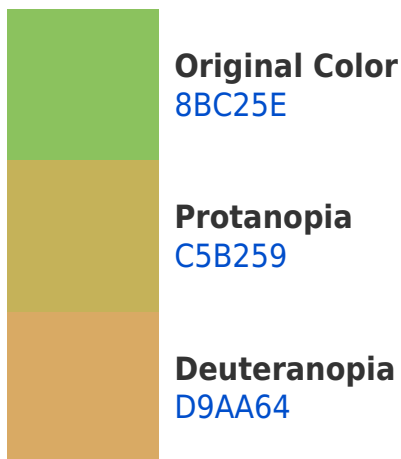


This preview shows how white text looks on a background with the Hex color 8BC25E.

# 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](#).

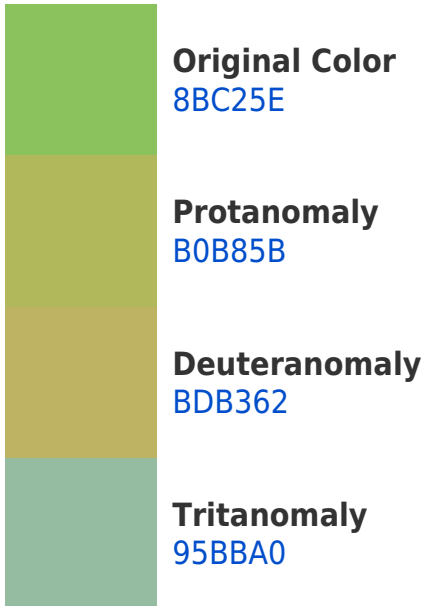
## Dichromacy





**Tritanopia**  
9AB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC25E 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 #8BC25E looks like.

```
.text, #text, p{  
    color:#8BC25E  
}
```

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 #8BC25E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC25E
}
```

## Border

The CSS property to change the border of an element to Hex 8BC25E 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
#8BC25E }
```

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

```
.border{ border-color:#8BC25E }
```

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

Here you see how a box with a 4 pixel #8BC25E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC25E; -webkit-box-shadow:4px 4px  
4px 4px #8BC25E; box-shadow:4px 4px 4px  
4px #8BC25E }
```

# Background

The CSS property to change the background color of an element to Hex 8BC25E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC25E }
```

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

```
.background{ background-color:#8BC25E }
```

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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