

Converting Colors

Hex(8CB95B)

Have a look what the booklet for
Hex(8CB95B) contains.

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Color

Hex(8CB95B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8CB95B |
| RGB | 140, 185, 91 |
| RGB Percent | 55%, 73%, 36% |
| CMY | 0.4510, 0.2745, 0.6431 |
| CMYK | 0.24, 0.00, 0.51, 0.27 |
| HSL | 89°, 40%, 54% |
| HSV | 89°, 51%, 73% |
| XYZ | 30.0525, 41.0287, 16.2329 |
| YIQ | 160.8290, 3.3540, -38.7740 |

Conversions

Conversions Part 2

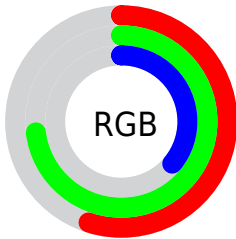
| Format | Color |
|-------------------------------------|--|
| RYB | 91, 185, 136 |
| Decimal | 9222491 |
| CIELab | 70.20, -30.90, 42.56 |
| CIELCh | 70, 52.600, 125.981 |
| Yxy | 41.0287, 0.3442, 0.4699 |
| Android (android.graphics.Color) | 4287412571 (0xFF8CB95B) |
| YUV | 160.8290, -34.4257, -18.2670 |
| Hunter-Lab | 64.0537, -28.3458, 29.8119 |

Details

The Hex color **8CB95B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **885BB9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C3F18F**, and **578429** is the 20% darker color. If you saturate the color by 10%, you get **83B949**, and if you desaturate by 10%, it is **95B96E**.

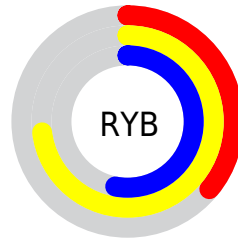
Distribution



Red (55%)

Green (73%)

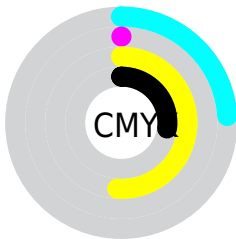
Blue (36%)



Red (36%)

Yellow (73%)

Blue (53%)

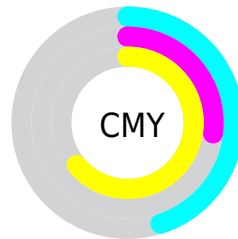


Cyan (24%)

Magenta (0%)

Yellow (51%)

Black (27%)



Cyan (45%)

Magenta (27%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CB95B 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 8CB95B by changing the saturation by 10% instead.



8CB95B



8CB95B

FFFFFF



719E42



C3F18F



578429



E0FFAA



3D6A0D



FDFFC6



235200



FFFFE3



053A00



002500



000100



000000



8CB95B



8CB95B

 83B949

 95B96E

 7AB936

 9EB980

 71B924

 A7B993

 69B911

 AFB9A5

 60B900

 B8B9B8

 C1B9CA

 CAB9DD

 D3B9EF

 DCB9FF

Harmonies

Analogous

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



BEAC48



8CB95B



47C183

Triad

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



8CB95B



00BBFF



FF83A4

Complementary

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



8CB95B



885BB9

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.



EE8AD3



8CB95B



68AEFF

Square

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



8CB95B



00C2E2



BC9BF9



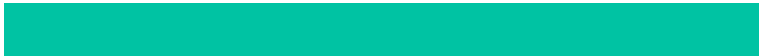
FF8A76

Rectangle

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



8CB95B



00C3A3



BC9BF9



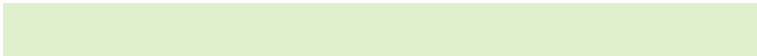
FF83B4

Sweetspot

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



8CB95B



DEF0CC



B9875B



6E7862



F7F7F7



787878

Same Dimension

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



8CB95B



AAF05D



5EB95B



575C53



519C00



0F1C00

Inverse Universe

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



885BB9



A35DF0



B65BB9



57535C



4A009C



0D001C

Previews

White Background



This preview shows how the Hex color 8CB95B looks on a white background.

Color Contrast Check

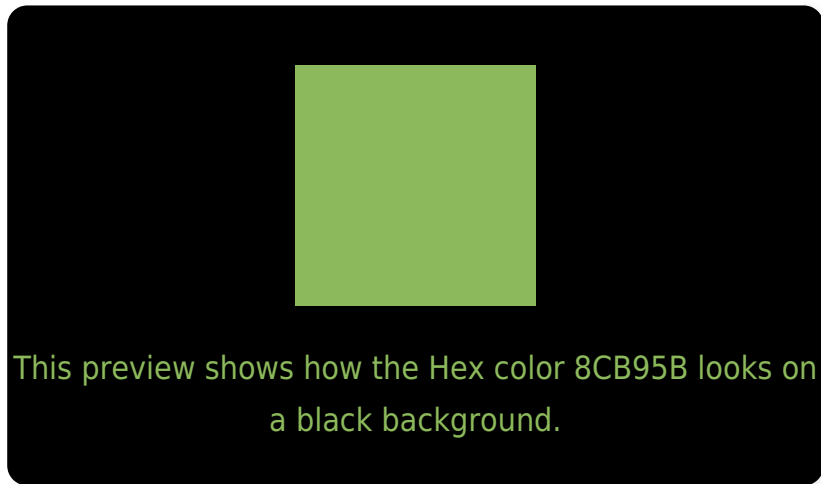
Large Text (above 18pt) WCAG AA × Fail

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

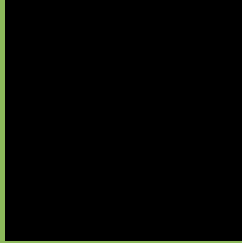
Any Text WCAG AA ✓ Pass

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 8CB95B Background



This preview shows how black text looks on a background with the Hex color 8CB95B.



This preview shows how white text looks on a background with the Hex color 8CB95B.

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



Original Color
8CB95B

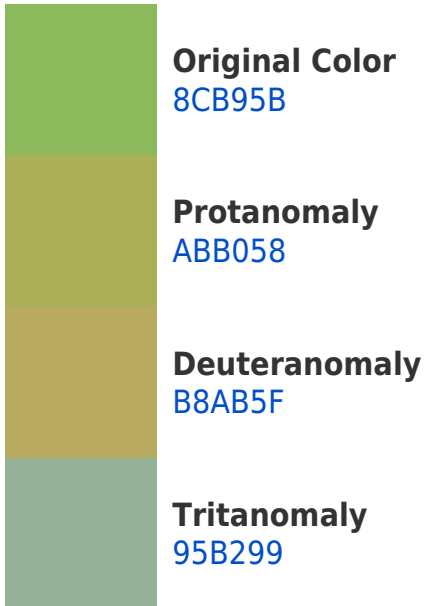
Protanopia
BDAB56

Deuteranopia
D1A361



Tritanopia
9AAEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CB95B 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 #8CB95B looks like.

```
.text, #text, p{  
    color:#8CB95B  
}
```

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 #8CB95B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB95B
}
```

Border

The CSS property to change the border of an element to Hex 8CB95B 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
#8CB95B }
```

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

```
.border{ border-color:#8CB95B }
```

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

Here you see how a box with a 4 pixel #8CB95B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB95B; -webkit-box-shadow:4px 4px  
4px 4px #8CB95B; box-shadow:4px 4px 4px  
4px #8CB95B }
```

Background

The CSS property to change the background color of an element to Hex 8CB95B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB95B }
```

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

```
.background{ background-color:#8CB95B }
```

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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