

Converting Colors

Hex(8BB364)

Have a look what the booklet for
Hex(8BB364) contains.

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Color

Hex(8BB364)

Conversions

Conversions Part 1

Format	Color
Hex	8BB364
RGB	139, 179, 100
RGB Percent	55%, 70%, 39%
CMY	0.4549, 0.2980, 0.6078
CMYK	0.22, 0.00, 0.44, 0.30
HSL	90°, 34%, 55%
HSV	90°, 44%, 70%
XYZ	29.0678, 38.6493, 17.9846
YIQ	158.0340, 1.5190, -33.0490

Conversions

Conversions Part 2

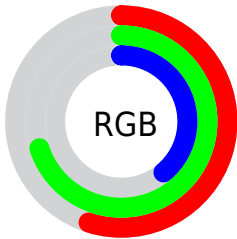
Format	Color
RYB	100, 179, 140
Decimal	9155428
CIELab	68.50, -27.34, 35.95
CIELCh	68, 45.164, 127.253
Yxy	38.6493, 0.3392, 0.4510
Android (android.graphics.Color)	4287345508 (0xFF8BB364)
YUV	158.0340, -28.6108, -16.6928
Hunter-Lab	62.1685, -25.3346, 26.3661

Details

The Hex color **8BB364** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8C64B3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C2EB98**, and **577E33** is the 20% darker color. If you saturate the color by 10%, you get **82B352**, and if you desaturate by 10%, it is **94B376**.

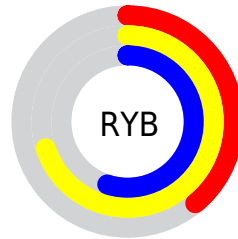
Distribution



Red (55%)

Green (70%)

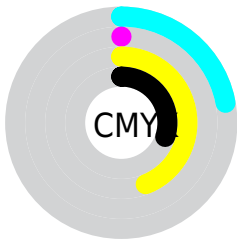
Blue (39%)



Red (39%)

Yellow (70%)

Blue (55%)

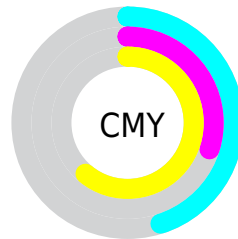


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (30%)



Cyan (45%)

Magenta (30%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BB364 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 8BB364 by changing the saturation by 10% instead.



8BB364



8BB364

FFFFFF



71984B



C2EB98



577E33



DEFFB3



3E651B



FBFFCF



254D00



FFFEC



0C3500



002100



000000



8BB364



8BB364



82B352



94B376

 79B340

 9DB388

 70B32E

 A6B39A

 67B31C

 AFB3AC

 5EB30A

 B8B3BE

 58B300

 C1B3CF

 CAB3E1

 D4B3F3

 DDB3FF

Harmonies

Analogous

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



B7A854



8BB364



55BA86

Triad

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



8BB364



00B4F2



F4859F

Complementary

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



8BB364



8C64B3

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.



E28BC7



8BB364



77A8F8

Square

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



8BB364



00BAD7



B899E8



F08C78

Rectangle

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



8BB364



12BCA2



B899E8



F186AC

Sweetspot

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



8BB364



D9E8CA



B38B64



6C7563



F5F5F5



757575

Same Dimension

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



8BB364



AAE86D



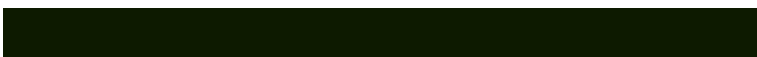
64B364



555950



4C9900



0D1A00

Inverse Universe

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



8C64B3



AB6DE8



B364B3



555059



4D0099



0D001A

Previews

White Background



This preview shows how the Hex color 8BB364 looks on a white background.

Color Contrast Check

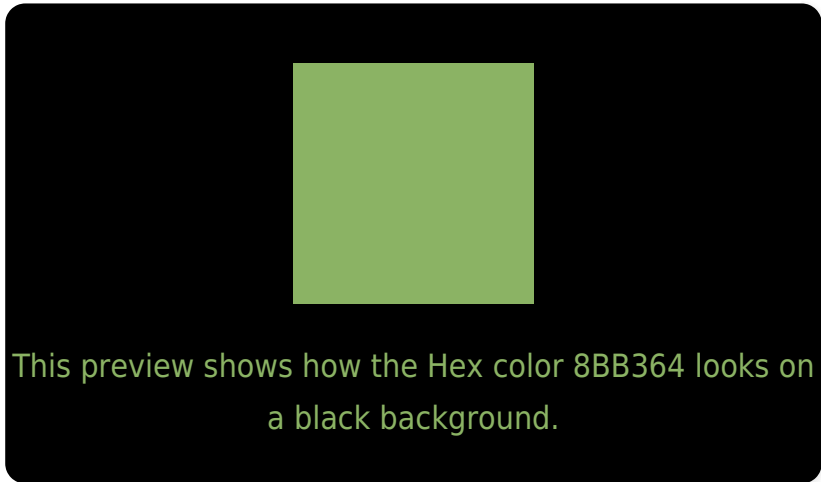
Large Text (above 18pt) WCAG AA × Fail

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 8BB364 Background



This preview shows how black text looks on a background with the Hex color 8BB364.



This preview shows how white text looks on a background with the Hex color 8BB364.

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
8BB364

Protanopia
B7A75F

Deuteranopia
C99F69

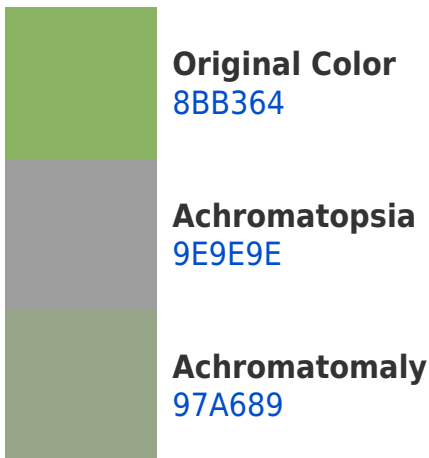


Tritanopia
97A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BB364 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 #8BB364 looks like.

```
.text, #text, p{  
    color:#8BB364  
}
```

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 #8BB364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BB364
}
```

Border

The CSS property to change the border of an element to Hex 8BB364 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
#8BB364 }
```

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

```
.border{ border-color:#8BB364 }
```

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

Here you see how a box with a 4 pixel #8BB364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BB364; -webkit-box-shadow:4px 4px  
4px 4px #8BB364; box-shadow:4px 4px 4px  
4px #8BB364 }
```

Background

The CSS property to change the background color of an element to Hex 8BB364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BB364 }
```

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

```
.background{ background-color:#8BB364 }
```

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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