

Converting Colors

Hex(FFB859)

Have a look what the booklet for
Hex(FFB859) contains.

Hex(FFB859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFB859)

Conversions

Conversions Part 1

Format	Color
Hex	FFB859
RGB	255, 184, 89
RGB Percent	100%, 72%, 35%
CMY	0.0000, 0.2784, 0.6510
CMYK	0.00, 0.28, 0.65, 0.00
HSL	34°, 100%, 67%
HSV	34°, 65%, 100%
XYZ	60.1837, 56.2622, 17.1389
YIQ	194.3990, 72.8110, -14.4930

Conversions

Conversions Part 2

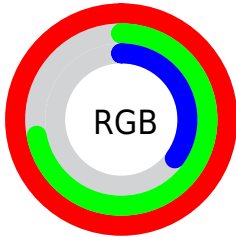
Format	Color
R _Y B	213, 255, 89
Decimal	16758873
CIE Lab	79.76, 16.58, 57.12
CIE LCh	80, 59.480, 73.810
Yxy	56.2622, 0.4505, 0.4212
Android (android.graphics.Color)	4294948953 (0xFFFFB859)
YUV	194.3990, -51.9617, 53.1471
Hunter-Lab	75.0082, 11.9572, 38.9583

Details

The Hex color **FFB859** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **59A0FF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF08E**, and **C28324** is the 20% darker color. If you saturate the color by 10%, you get **FFAD40**, and if you desaturate by 10%, it is **FFC373**.

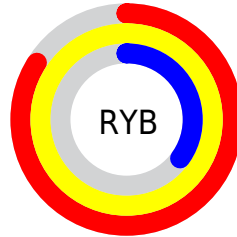
Distribution



Red (100%)

Green (72%)

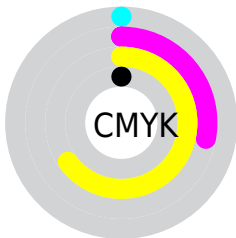
Blue (35%)



Red (84%)

Yellow (100%)

Blue (35%)

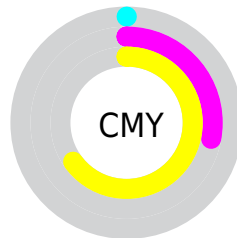


Cyan (0%)

Magenta (28%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFB859 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 FFB859 by changing the saturation by 10% instead.

 FFB859

 FFB859

FFFFFF

 E09D3F

 FFF08E

 C28324

 FFFFAA

 A46A00

 FFFFC6

 875200

 FFFFE2

 6B3B00

 4F2500

 341000

 1D0001

 000000

■ #FFB859

■ #FFB859

■ #FFAD40

■ #FFC373

■ #FFA226

■ #FFCE8C

■ #FF970D

■ #FFD9A6

■ #FF9200

■ #FFE4BF

■ #FFEFD9

■ #FFF9F2

FFFFFF

Harmonies

Analogous

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



FFA47B



FFB859



CDCB55

Triad

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



FFB859



00E2DE



EBADFF

Complementary

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



FFB859



59A0FF

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.



95C3FF



FFB859



00DEFF

Square

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



FFB859



28E0A5



00D4FF



FF9AE6

Rectangle

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



FFB859



A5D465



00D4FF



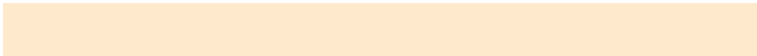
D3B4FF

Sweetspot

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



FFB859



FFE9CC



FF59A1



807261



000000



808080

Same Dimension

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



FFB859



FFAA38



F4FF59



807A73



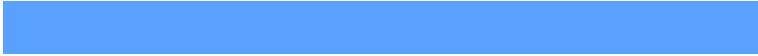
BF6D00



402400

Inverse Universe

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



59A0FF



388DFF



6459FF



737880



0052BF



001B40

Previews

White Background



This preview shows how the Hex color FFB859 looks on a white background.

Color Contrast Check

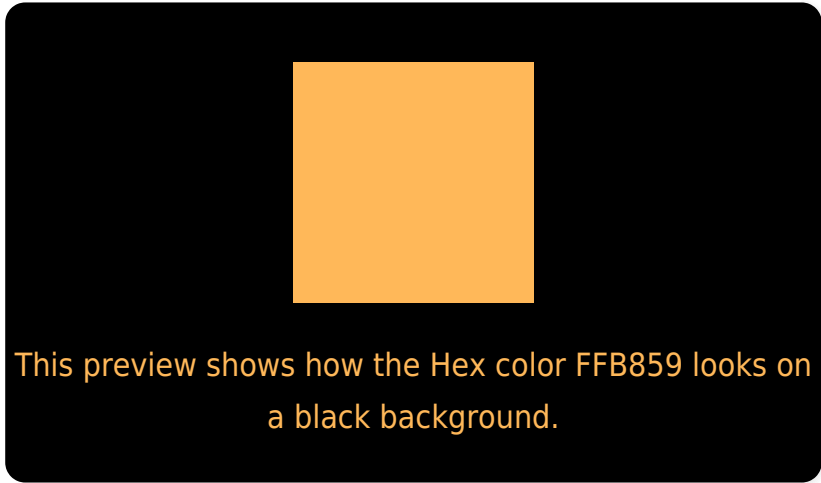
Large Text (above 18pt) WCAG AA × Fail

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 FFB859 Background



This preview shows how black text looks on a background with the Hex color FFB859.

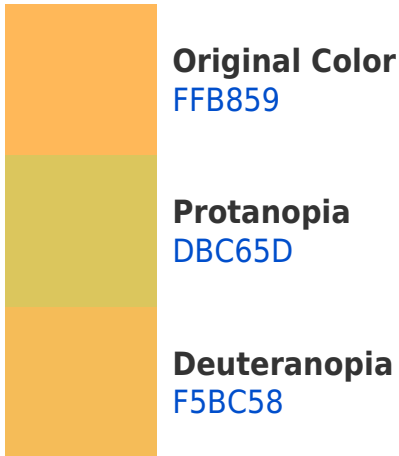


This preview shows how white text looks on a background with the Hex color FFB859.

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](#).

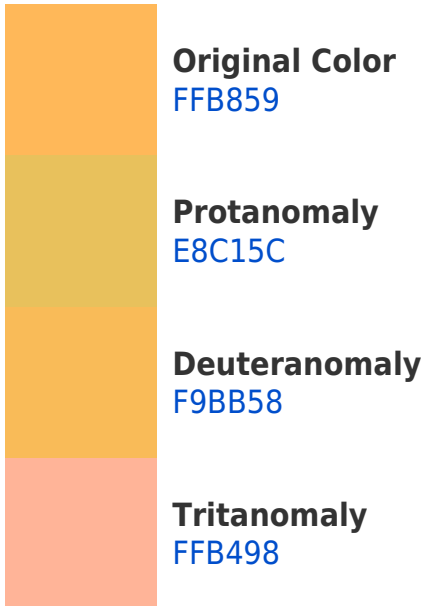
Dichromacy



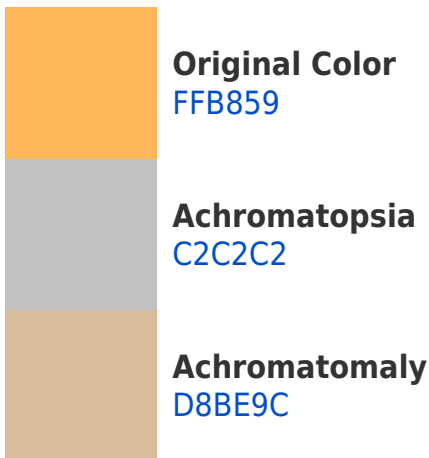


Tritanopia
FFB1BC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFB859 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 #FFB859 looks like.

```
.text, #text, p{  
    color:#FFB859  
}
```

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 #FFB859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB859
}
```

Border

The CSS property to change the border of an element to Hex FFB859 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
#FFB859 }
```

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

```
.border{ border-color:#FFB859 }
```

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

Here you see how a box with a 4 pixel #FFB859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB859; -webkit-box-shadow:4px 4px  
4px 4px #FFB859; box-shadow:4px 4px 4px  
4px #FFB859 }
```

Background

The CSS property to change the background color of an element to Hex FFB859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB859 }
```

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

```
.background{ background-color:#FFB859 }
```

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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