

# Converting Colors

Hex(848F15)

Have a look what the booklet for  
Hex(848F15) contains.

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**Color**

**Hex(848F15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	848F15
RGB	132, 143, 21
RGB Percent	52%, 56%, 8%
CMY	0.4824, 0.4392, 0.9176
CMYK	0.08, 0.00, 0.85, 0.44
HSL	65°, 74%, 32%
HSV	65°, 85%, 56%
XYZ	19.4735, 24.6046, 4.4323
YIQ	125.8030, 32.6060, -40.2740

# Conversions

## Conversions Part 2

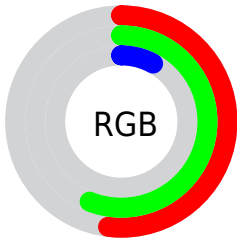
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 143, 32
Decimal	8687381
CIE <sub>Lab</sub>	56.69, -18.55, 56.52
CIE <sub>LCh</sub>	57, 59.490, 108.167
Yxy	24.6046, 0.4014, 0.5072
Android (android.graphics.Color)	4286877461 (0xFF848F15)
YUV	125.8030, -51.6679, 5.4348
Hunter-Lab	49.6030, -16.7284, 29.4243

# Details

The Hex color **848F15** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **20158F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BCC54F**, and **4E5D00** is the 20% darker color. If you saturate the color by 10%, you get **838F07**, and if you desaturate by 10%, it is **858F23**.

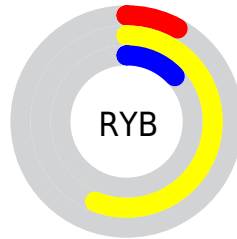
# Distribution



Red (52%)

Green (56%)

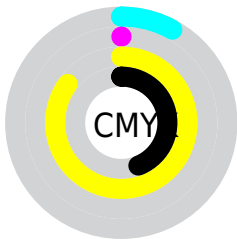
Blue (8%)



Red (8%)

Yellow (56%)

Blue (13%)

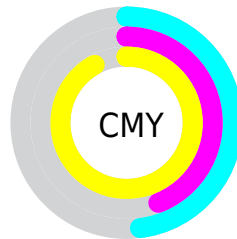


Cyan (8%)

Magenta (0%)

Yellow (85%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848F15 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 848F15 by changing the saturation by 10% instead.





848F15



848F15

FFFFFF



697500



BCC54F



4E5D00



D9E169



354500



F6FD84



1B2F00



FFFFA0



001C00



FFFFBC



000000



FFFFD8



FFFFF5



848F15



848F15

■ 838F07

■ 858F23

■ 828F00

■ 878F32

■ 888F40

■ 898F4E

■ 8A8F5D

■ 8C8F6B

■ 8D8F79

■ 8E8F87

■ 908F96

# Harmonies

## Analogous

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



B37E16



848F15



459A3E

# Triad

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



848F15



009DD4



DB589F

# Complementary

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



848F15



20158F

# 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.



B26CCE



848F15



0094EE

# Square

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



848F15



00A0A7



5F83EB



E5576B

# Rectangle

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



848F15



009E5F



5F83EB



D15EB0



# Sweetspot

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



848F15



B6BA8A



8F1F15



5C5E41



DEDEDE



5E5E5E



# Same Dimension

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



848F15



A9BA00



488F15



474740



7B8700



070800



# Inverse Universe

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



20158F



1100BA



5C158F



414047



0C0087



010008



# Previews

## White Background



This preview shows how the Hex color 848F15 looks on a white background.

## Color Contrast Check

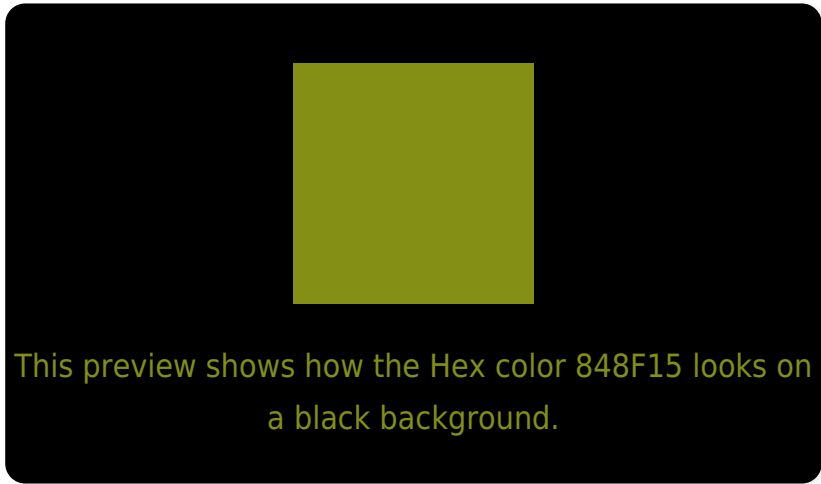
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848F15 Background



This preview shows how black text looks on a background with the Hex color 848F15.



This preview shows how white text looks on a background with the Hex color 848F15.

# 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**  
848F15

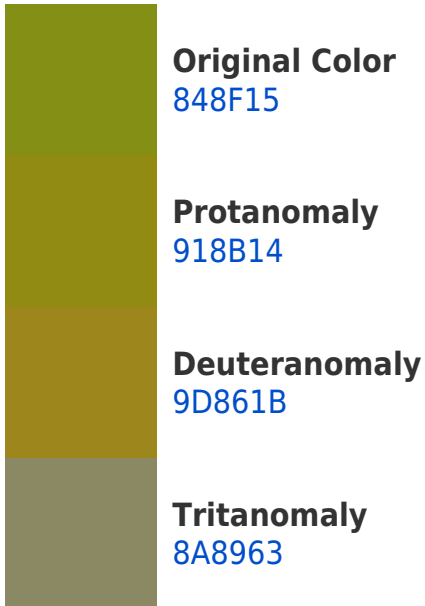
**Protanopia**  
998813

**Deuteranopia**  
AB811F

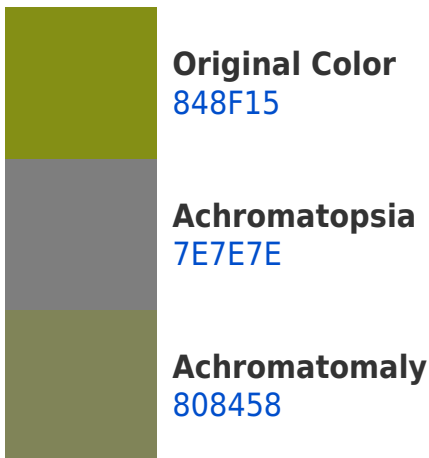


**Tritanopia**  
8E8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848F15 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 #848F15 looks like.

```
.text, #text, p{  
    color:#848F15  
}
```

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 #848F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848F15
}
```

## Border

The CSS property to change the border of an element to Hex 848F15 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
#848F15 }
```

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

```
.border{ border-color:#848F15 }
```

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

Here you see how a box with a 4 pixel #848F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848F15; -webkit-box-shadow:4px 4px  
4px 4px #848F15; box-shadow:4px 4px 4px  
4px #848F15 }
```

# Background

The CSS property to change the background color of an element to Hex 848F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848F15 }
```

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

```
.background{ background-color:#848F15 }
```

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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