

Converting Colors

Hex(87AF1B)

Have a look what the booklet for
Hex(87AF1B) contains.

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Color

Hex(87AF1B)

Conversions

Conversions Part 1

Format	Color
Hex	87AF1B
RGB	135, 175, 27
RGB Percent	53%, 69%, 11%
CMY	0.4706, 0.3137, 0.8941
CMYK	0.23, 0.00, 0.85, 0.31
HSL	76°, 73%, 40%
HSV	76°, 85%, 69%
XYZ	25.5195, 35.8900, 6.6194
YIQ	146.1680, 23.6680, -54.5080

Conversions

Conversions Part 2

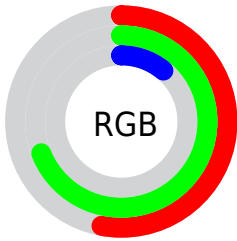
Format	Color
RYB	27, 175, 67
Decimal	8892187
CIELab	66.44, -32.76, 63.49
CIELCh	66, 71.445, 117.296
Yxy	35.8900, 0.3751, 0.5276
Android (android.graphics.Color)	4287082267 (0xFF87AF1B)
YUV	146.1680, -58.7498, -9.7943
Hunter-Lab	59.9082, -28.8027, 35.3847

Details

The Hex color **87AF1B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **431BAF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C0E758**, and **507A00** is the 20% darker color. If you saturate the color by 10%, you get **82AF09**, and if you desaturate by 10%, it is **8CAF2D**.

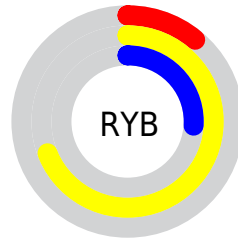
Distribution



Red (53%)

Green (69%)

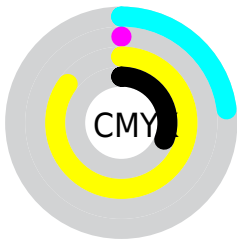
Blue (11%)



Red (11%)

Yellow (69%)

Blue (26%)

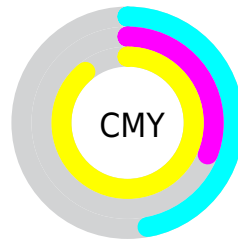


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AF1B 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 87AF1B by changing the saturation by 10% instead.

 87AF1B

 87AF1B

FFFFFF

 6B9400

 C0E758

 507A00

 DDF73

 356100

 FBFF8F

 164900

 FFFFAB

 003200

 FFFFC7

 001F00

 FFFFE4

 000000

 87AF1B

 87AF1B

 82AF09

 8CAF2D

■ 80AF00

■ 90AF3E

■ 95AF50

■ 9AAF61

■ 9FAF73

■ A3AF84

■ A8AF96

■ ADAFA7

■ B2AFB9

Harmonies

Analogous

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



C59D00



87AF1B



14BA58

Triad

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



87AF1B



00B9FF



FF61AA

Complementary

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



87AF1B



431BAF

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.



E975E8



87AF1B



00ABFF

Square

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



87AF1B



00BFDB



9593FF



FF686B

Rectangle

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



87AF1B



00BE83



9593FF



FF65C0

Sweetspot

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



87AF1B



D4E3AA



AF421B



697350



F2F2F2



737373

Same Dimension

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



87AF1B



A6E300



3EAF1B



54574E



6E9600



111700

Inverse Universe

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



431BAF



3D00E3



8C1BAF



504E57



290096



060017

Previews

White Background



This preview shows how the Hex color 87AF1B looks on a white background.

Color Contrast Check

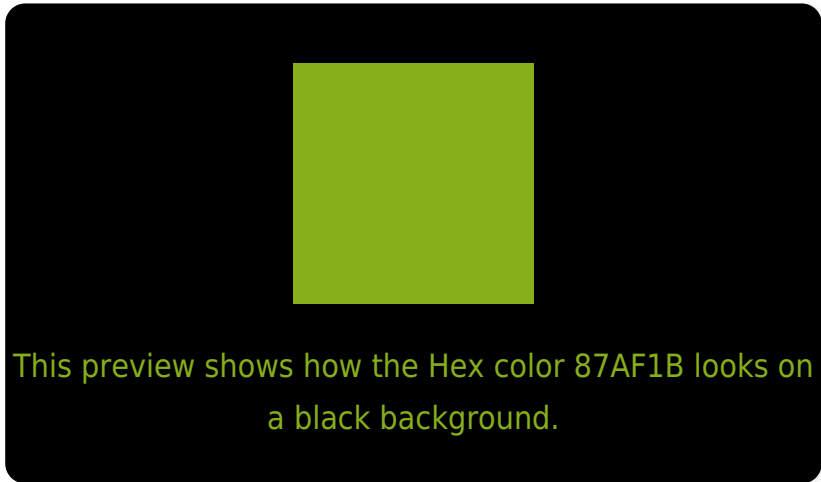
Large Text (above 18pt) WCAG AA × Fail

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 87AF1B Background



This preview shows how black text looks on a background with the Hex color 87AF1B.



This preview shows how white text looks on a background with the Hex color 87AF1B.

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
87AF1B

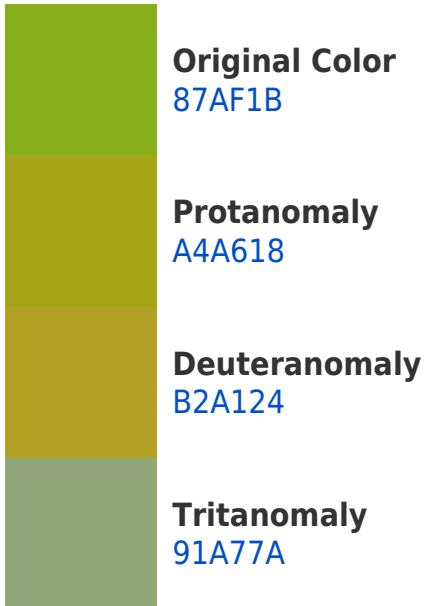
Protanopia
B5A117

Deuteranopia
CA9929

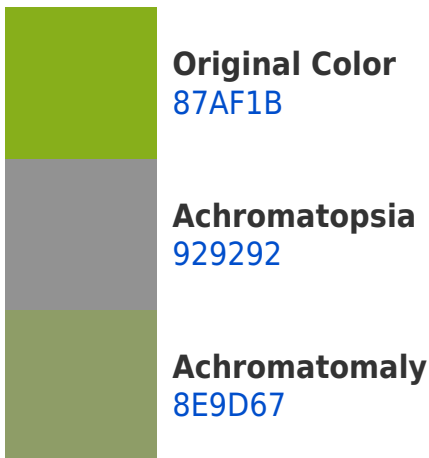


Tritanopia
96A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AF1B 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 #87AF1B looks like.

```
.text, #text, p{  
    color:#87AF1B  
}
```

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 #87AF1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AF1B
}
```

Border

The CSS property to change the border of an element to Hex 87AF1B 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
#87AF1B }
```

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

```
.border{ border-color:#87AF1B }
```

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

Here you see how a box with a 4 pixel #87AF1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AF1B; -webkit-box-shadow:4px 4px  
4px 4px #87AF1B; box-shadow:4px 4px 4px  
4px #87AF1B }
```

Background

The CSS property to change the background color of an element to Hex 87AF1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AF1B }
```

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

```
.background{ background-color:#87AF1B }
```

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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