

Converting Colors

Hex(B86E1F)

Have a look what the booklet for
Hex(B86E1F) contains.

Hex(B86E1F)	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(B86E1F)

Conversions

Conversions Part 1

Format	Color
Hex	B86E1F
RGB	184, 110, 31
RGB Percent	72%, 43%, 12%
CMY	0.2784, 0.5686, 0.8784
CMYK	0.00, 0.40, 0.83, 0.28
HSL	31°, 71%, 42%
HSV	31°, 83%, 72%
XYZ	25.5904, 21.4411, 4.0861
YIQ	123.1200, 69.4630, -8.8810

Conversions

Conversions Part 2

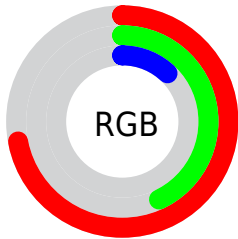
Format	Color
RYB	174, 184, 31
Decimal	12086815
CIELab	53.43, 23.60, 52.75
CIElCh	53, 57.784, 65.896
Yxy	21.4411, 0.5006, 0.4194
Android (android.graphics.Color)	4290276895 (0xFFB86E1F)
YUV	123.1200, -45.4152, 53.3918
Hunter-Lab	46.3046, 17.6158, 27.1812

Details

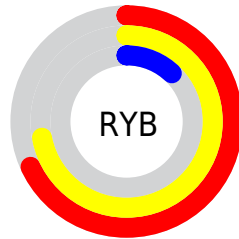
The Hex color **B86E1F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F69B8**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F5A253**, and **7D3E00** is the 20% darker color. If you saturate the color by 10%, you get **B8650D**, and if you desaturate by 10%, it is **B87731**.

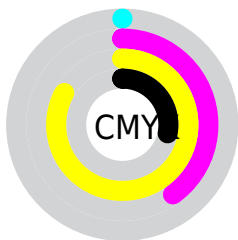
Distribution



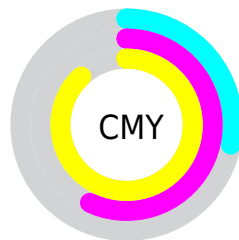
- Red (72%)
- Green (43%)
- Blue (12%)



- Red (68%)
- Yellow (72%)
- Blue (12%)



- Cyan (0%)
- Magenta (40%)
- Yellow (83%)
- Black (28%)



- Cyan (28%)
- Magenta (57%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86E1F 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 B86E1F by changing the saturation by 10% instead.



B86E1F



B86E1F

FFFFFF



9A5500



F5A253



7D3E00



FFBD6C



612700



FFD987



451100



FFF6A2



2B0000



FFFFBD



000000



FFFFDA



FFFFF7



B86E1F



B86E1F

 B8650D

 B87731

 B85F00

 B88044

 B88956

 B89269

 B89A7B

 B8A38D

 B8ACA0

 B8B5B2

 B8BEC5

Harmonies

Analogous

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



D35948



B86E1F



8F8005

Triad

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



B86E1F



009788



8D6ED1

Complementary

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



B86E1F



1F69B8

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.



0082E3



B86E1F



0096B9

Square

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



B86E1F



009455



0090DA



C358A9

Rectangle

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



B86E1F



6E8A19



0090DA



7275DA

Sweetspot

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



B86E1F



F0D3B4



B81F6C



786654



F7F7F7



787878

Same Dimension

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



B86E1F



F07C00



B8B81F



5C5753



9C5000



1C0E00

Inverse Universe

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



1F69B8



0074F0



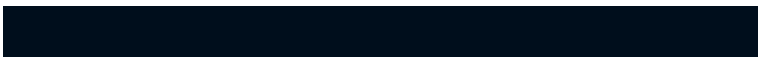
1F1FB8



53575C



004B9C



000E1C

Previews

White Background



This preview shows how the Hex color B86E1F looks on a white background.

Color Contrast Check

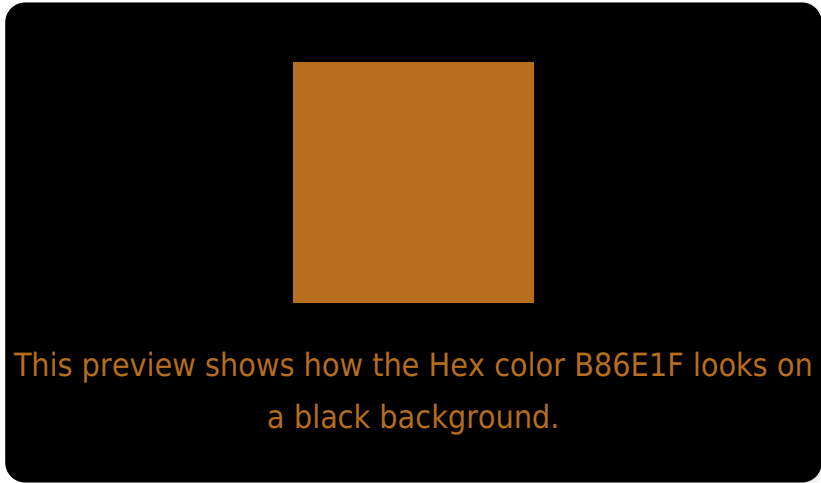
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86E1F Background



This preview shows how black text looks on a background with the Hex color B86E1F.



This preview shows how white text looks on a background with the Hex color B86E1F.

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
B86E1F

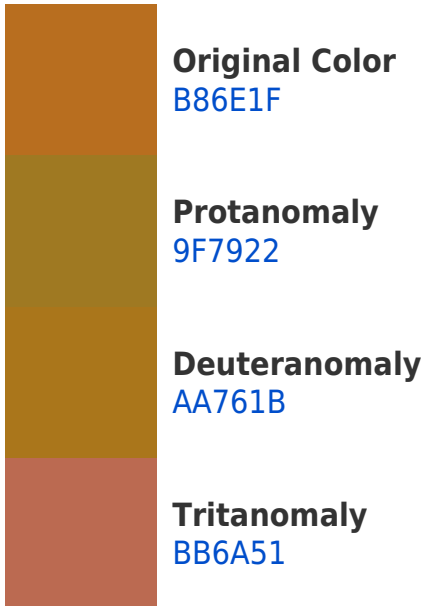
Protanopia
908024

Deuteranopia
A27A19

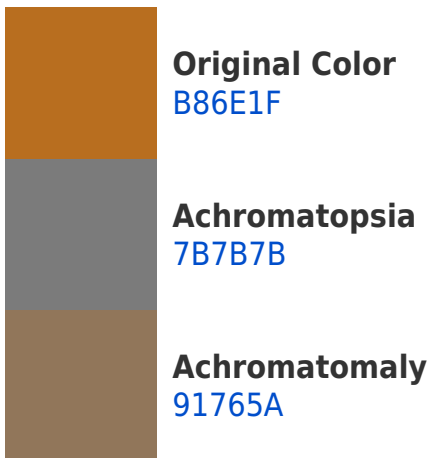


Tritanopia
BC676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B86E1F 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 #B86E1F looks like.

```
.text, #text, p{  
    color:#B86E1F  
}
```

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 #B86E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86E1F
}
```

Border

The CSS property to change the border of an element to Hex B86E1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

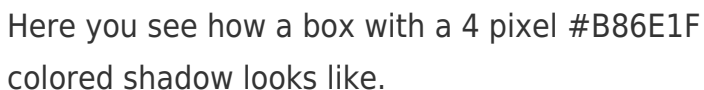
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86E1F }
```

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

```
.border{ border-color:#B86E1F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B86E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86E1F; -webkit-box-shadow:4px 4px  
4px 4px #B86E1F; box-shadow:4px 4px 4px  
4px #B86E1F }
```

Background

The CSS property to change the background color of an element to Hex B86E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86E1F }
```

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

```
.background{ background-color:#B86E1F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor