

Converting Colors

Hex(86B106)

Have a look what the booklet for
Hex(86B106) contains.

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Color

Hex(86B106)

Conversions

Conversions Part 1

Format	Color
Hex	86B106
RGB	134, 177, 6
RGB Percent	53%, 69%, 2%
CMY	0.4745, 0.3059, 0.9765
CMYK	0.24, 0.00, 0.97, 0.31
HSL	75°, 93%, 36%
HSV	75°, 97%, 69%
XYZ	25.5865, 36.5258, 5.8739
YIQ	144.6490, 29.2630, -62.2970

Conversions

Conversions Part 2

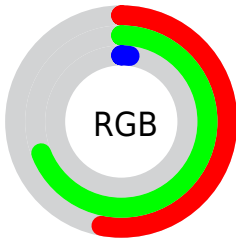
Format	Color
RYB	6, 177, 49
Decimal	8827142
CIELab	66.92, -34.57, 67.39
CIELCh	67, 75.742, 117.154
Yxy	36.5258, 0.3763, 0.5373
Android (android.graphics.Color)	4287017222 (0xFF86B106)
YUV	144.6490, -68.3540, -9.3392
Hunter-Lab	60.4365, -30.1939, 36.5431

Details

The Hex color **86B106** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3106B1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BFE94F**, and **4E7C00** is the 20% darker color. If you saturate the color by 10%, you get **84B100**, and if you desaturate by 10%, it is **8AB118**.

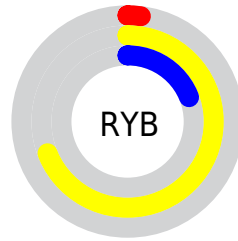
Distribution



Red (53%)

Green (69%)

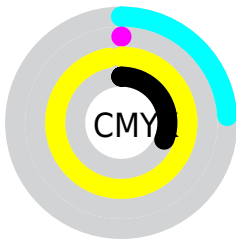
Blue (2%)



Red (2%)

Yellow (69%)

Blue (19%)

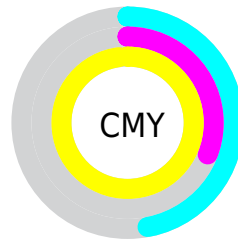


Cyan (24%)

Magenta (0%)

Yellow (97%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B106 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 86B106 by changing the saturation by 10% instead.

 86B106

 86B106

FFFFFF

 6A9600

 BFE94F

 4E7C00

 DDFF6B

 336300

 FAFF87

 124B00

 FFFFA3

 003400

 FFFFC0

 002000

 FFFFDD

 000000

 FFFFFB

 86B106

 86B106

■ 84B100

■ 8AB118

■ 8FB129

■ 93B13B

■ 98B14D

■ 9CB15E

■ A1B170

■ A5B182

■ AAB194

■ AEB1A5

Harmonies

Analogous

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



C89E00



86B106



00BC54

Triad

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



86B106



00BCFF



FF5BAC

Complementary

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



86B106



3106B1

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.



EE73EE



86B106



00ADFF

Square

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



86B106



00C2DF



9394FF



FF6469

Rectangle

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



86B106



00C082



9394FF



FF60C3

Sweetspot

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



86B106



D5E6A3



B13106



69734B



F2F2F2



737373

Same Dimension

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



86B106



ACE600



31B106



575950



739900



131A00

Inverse Universe

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



3106B1



3A00E6



8606B1



535059



260099



06001A

Previews

White Background



This preview shows how the Hex color 86B106 looks on a white background.

Color Contrast Check

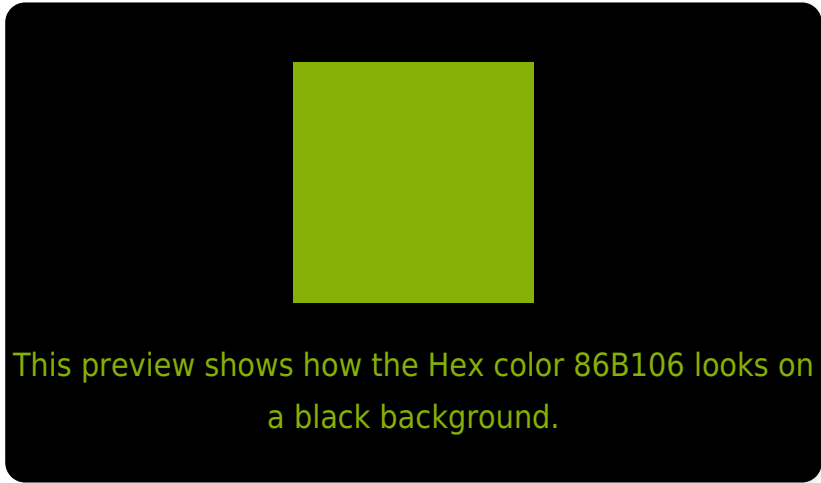
Large Text (above 18pt) WCAG AA × Fail

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 86B106 Background



This preview shows how black text looks on a background with the Hex color 86B106.

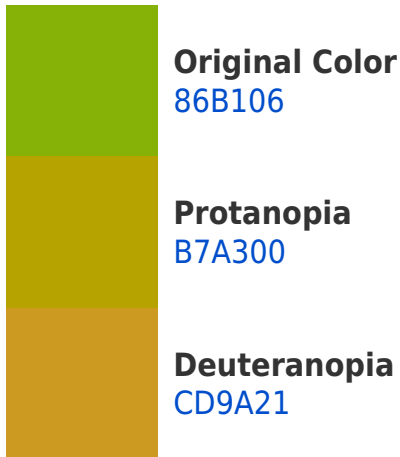


This preview shows how white text looks on a background with the Hex color 86B106.

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
96A5B2

Trichromacy



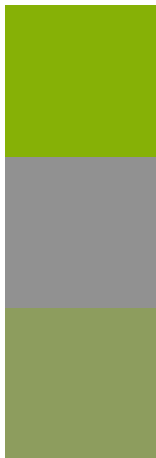
Original Color
86B106

Protanomaly
A5A802

Deuteranomaly
B3A217

Tritanomaly
90A973

Monochromacy



Original Color
86B106

Achromatopsia
919191

Achromatomaly
8D9D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 86B106 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 #86B106 looks like.

```
.text, #text, p{  
    color:#86B106  
}
```

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 #86B106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B106
}
```

Border

The CSS property to change the border of an element to Hex 86B106 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
#86B106 }
```

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

```
.border{ border-color:#86B106 }
```

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

Here you see how a box with a 4 pixel #86B106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B106; -webkit-box-shadow:4px 4px  
4px 4px #86B106; box-shadow:4px 4px 4px  
4px #86B106 }
```

Background

The CSS property to change the background color of an element to Hex 86B106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B106 }
```

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

```
.background{ background-color:#86B106 }
```

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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