

Converting Colors

Hex(86C152)

Have a look what the booklet for
Hex(86C152) contains.

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Color

Hex(86C152)

Conversions

Conversions Part 1

Format	Color
Hex	86C152
RGB	134, 193, 82
RGB Percent	53%, 76%, 32%
CMY	0.4745, 0.2431, 0.6784
CMYK	0.31, 0.00, 0.58, 0.24
HSL	92°, 47%, 54%
HSV	92°, 58%, 76%
XYZ	30.4245, 43.8175, 14.8367
YIQ	162.7050, 0.4670, -47.0290

Conversions

Conversions Part 2

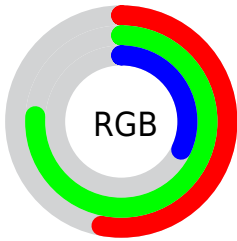
Format	Color
RYB	82, 193, 141
Decimal	8831314
CIELab	72.11, -37.74, 48.99
CIELCh	72, 61.840, 127.608
Yxy	43.8175, 0.3415, 0.4919
Android (android.graphics.Color)	4287021394 (0xFF86C152)
YUV	162.7050, -39.7876, -25.1743
Hunter-Lab	66.1948, -33.7986, 33.0472

Details

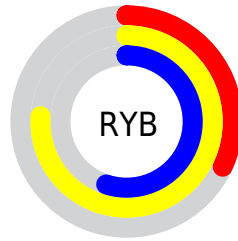
The Hex color **86C152** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8D52C1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BEFA87**, and **508B1C** is the 20% darker color. If you saturate the color by 10%, you get **7CC13F**, and if you desaturate by 10%, it is **90C165**.

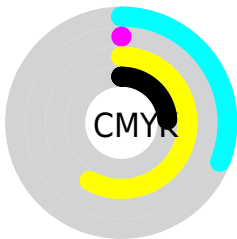
Distribution



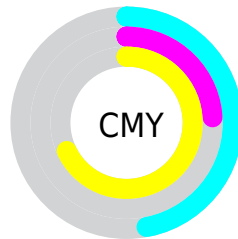
- Red (53%)
- Green (76%)
- Blue (32%)



- Red (32%)
- Yellow (76%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (58%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C152 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 86C152 by changing the saturation by 10% instead.



86C152



86C152

FFFFFF



6BA638



BEFA87



508B1C



DBFFA2



347100



F8FFBE



175800



FFFFDA



004000



FFFFF7



002A00



000E00



000000



86C152



86C152

 7CC13F

 90C165

 71C12B

 9BC179

 67C118

 A5C18C

 5DC105

 AFC19F

 5AC100

 B9C1B3

 C4C1C6

 CEC1D9

 D8C1EC

 E2C1FF

Harmonies

Analogous

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



C2B338



86C152



1AC984

Triad

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



86C152



00C2FF



FF7DA5

Complementary

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



86C152



8D52C1

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.



FF86DD



86C152



5CB2FF

Square

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



86C152



00CAF4



C79CFF



FF896F

Rectangle

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



86C152



00CCAA



C79CFF



FF7EB8

Sweetspot

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



86C152



E3FACF



C18B52



707D64



FCFCFC



7D7D7D

Same Dimension

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



86C152



9EFA4D



52C154



5C6157



4BA100



102100

Inverse Universe

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



8D52C1



A94DFA



C152BF



5C5761



5500A1



120021

Previews

White Background



This preview shows how the Hex color 86C152 looks on a white background.

Color Contrast Check

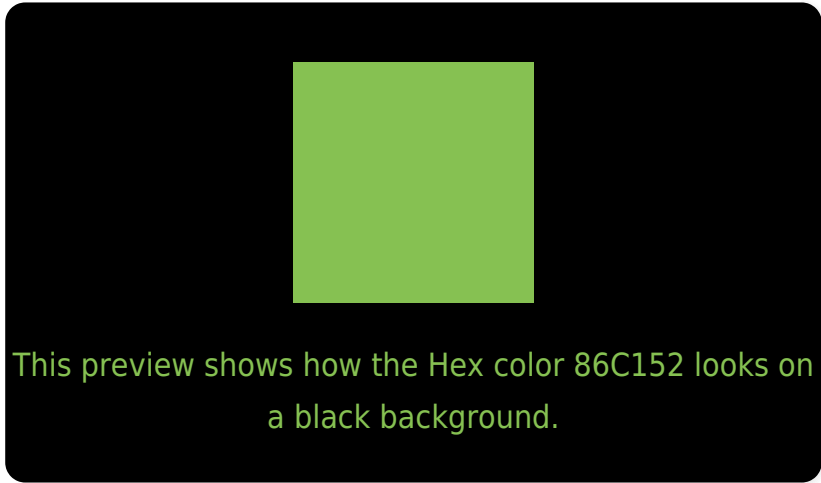
Large Text (above 18pt) WCAG AA × Fail

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 86C152 Background



This preview shows how black text looks on a background with the Hex color 86C152.

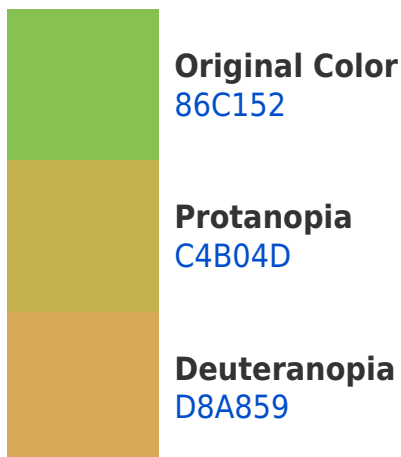


This preview shows how white text looks on a background with the Hex color 86C152.

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](#).

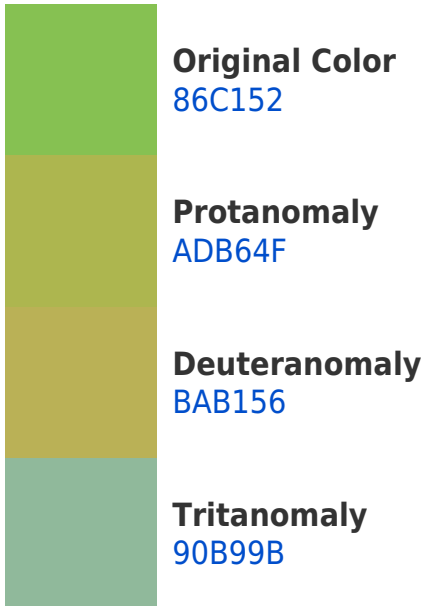
Dichromacy



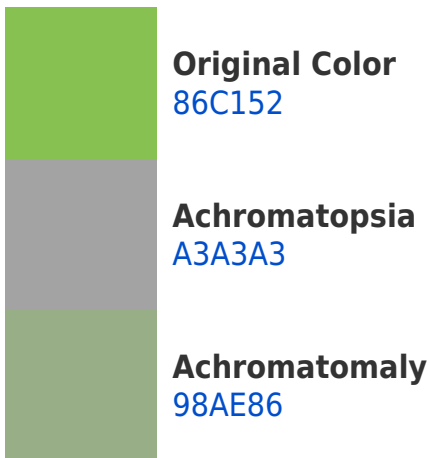


Tritanopia
96B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C152 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 #86C152 looks like.

```
.text, #text, p{  
    color:#86C152  
}
```

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 #86C152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C152
}
```

Border

The CSS property to change the border of an element to Hex 86C152 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
#86C152 }
```

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

```
.border{ border-color:#86C152 }
```

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

Here you see how a box with a 4 pixel #86C152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C152; -webkit-box-shadow:4px 4px  
4px 4px #86C152; box-shadow:4px 4px 4px  
4px #86C152 }
```

Background

The CSS property to change the background color of an element to Hex 86C152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C152 }
```

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

```
.background{ background-color:#86C152 }
```

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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