

Converting Colors

Decimal(8701002)

Have a look what the booklet for
Decimal(8701002) contains.

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Color

Decimal(8701002)

Conversions

Conversions Part 1

Format	Color
Hex	84C44A
RGB	132, 196, 74
RGB Percent	52%, 77%, 29%
CMY	0.4824, 0.2314, 0.7098
CMYK	0.33, 0.00, 0.62, 0.23
HSL	91°, 51%, 53%
HSV	91°, 62%, 77%
XYZ	30.4917, 44.8798, 13.5342
YIQ	162.9560, 1.0180, -51.5100

Conversions

Conversions Part 2

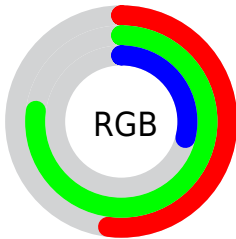
Format	Color
RYB	74, 196, 138
Decimal	8701002
CIELab	72.81, -40.53, 53.31
CIELCh	73, 66.970, 127.244
Yxy	44.8798, 0.3430, 0.5048
Android (android.graphics.Color)	4286891082 (0xFF84C44A)
YUV	162.9560, -43.8553, -27.1484
Hunter-Lab	66.9924, -35.9922, 34.9166

Details

The Decimal color **8701002** 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 **9063108**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **12385663**, and **5082639** is the 20% darker color. If you saturate the color by 10%, you get **8045622**, and if you desaturate by 10%, it is **9356382**.

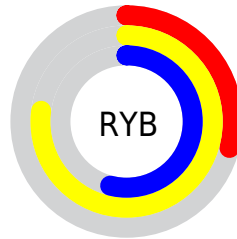
Distribution



Red (52%)

Green (77%)

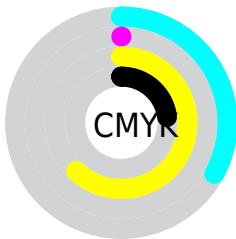
Blue (29%)



Red (29%)

Yellow (77%)

Blue (54%)

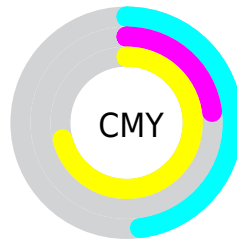


Cyan (33%)

Magenta (0%)

Yellow (62%)

Black (23%)



Cyan (48%)

Magenta (23%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8701002 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 Decimal color 8701002 by changing the saturation by 10% instead.

■ 8701002

■ 8701002

16777215

■ 6859055

■ 12385663

■ 5082639

■ 14286747

■ 3240960

■ 16252854

■ 1071872

■ 16777171

■ 16896

■ 16777200

■ 11264

■ 4608

■ 0

■ 8701002

■ 8701002

■ 8045622

■ 9356382

■ 7324707

■ 10077297

■ 6669327

■ 10732677

■ 6145024

■ 11388056

■ 12043436

■ 12764352

■ 13419731

■ 14075111

■ 14796026

Harmonies

Analogous

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



12956715



8701002



52609

Triad

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



8701002



50943



16742822

Complementary

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



8701002



9063108

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.



16745443



8701002



4896255

Square

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



8701002



52987



13212927



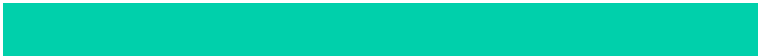
16746092

Rectangle

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



8701002



53419



13212927



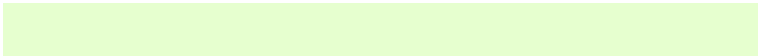
16743099

Sweetspot

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



8701002



15138767



12880202



7372898



0



8421504

Same Dimension

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



8701002



10223424



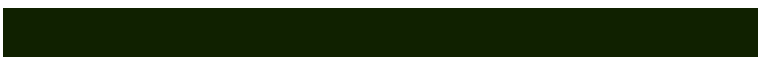
4899916



6054231



5021952



1057024

Inverse Universe

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



9063108



10764543



12864194



6051681



5505185



1114145

Previews

White Background



This preview shows how the Decimal color 8701002 looks on a white background.

Color Contrast Check

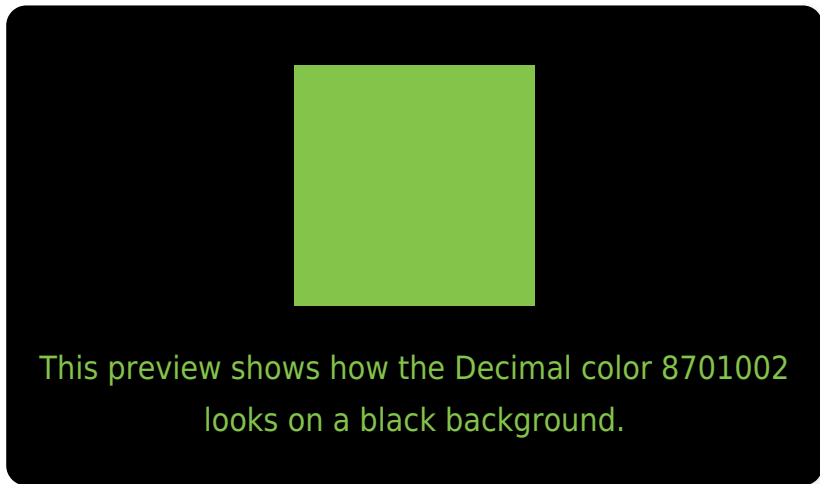
Large Text (above 18pt) WCAG AA × Fail

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](#).

Decimal 8701002 Background



This preview shows how black text looks on a background with the Decimal color 8701002.

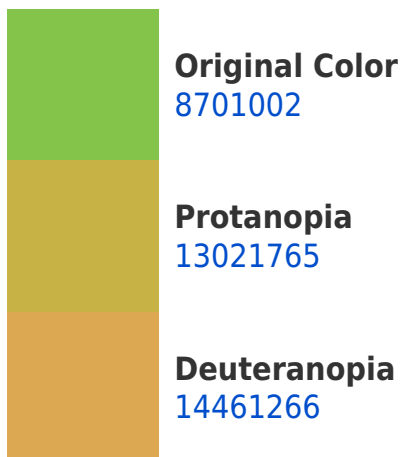


This preview shows how white text looks on a background with the Decimal color 8701002.

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](#).

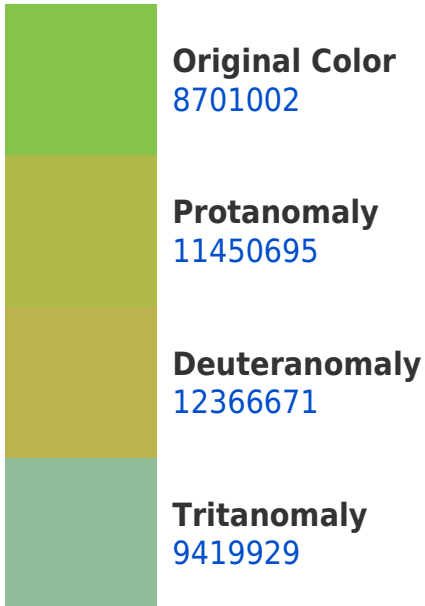
Dichromacy



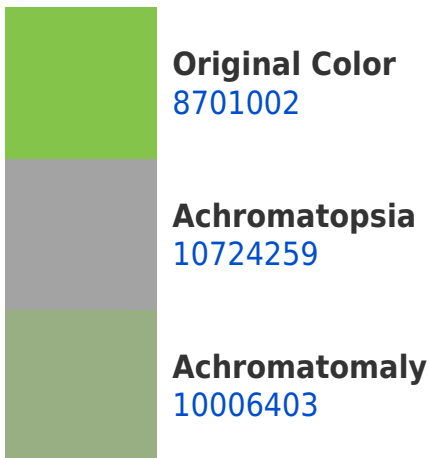


Tritanopia
9877702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8701002 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 #84C44A looks like.

```
.text, #text, p{  
    color:#84C44A  
}
```

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 #84C44A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C44A
}
```

Border

The CSS property to change the border of an element to Decimal 8701002 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
#84C44A }
```

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

```
.border{ border-color:#84C44A }
```

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

Here you see how a box with a 4 pixel #84C44A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C44A; -webkit-box-shadow:4px 4px  
4px 4px #84C44A; box-shadow:4px 4px 4px  
4px #84C44A }
```

Background

The CSS property to change the background color of an element to Decimal 8701002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C44A }
```

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

```
.background{ background-color:#84C44A }
```

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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