

# Converting Colors

Decimal(8430883)

Have a look what the booklet for  
Decimal(8430883) contains.

<b>Decimal(8430883)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(8430883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A523
RGB	128, 165, 35
RGB Percent	50%, 65%, 14%
CMY	0.4980, 0.3529, 0.8627
CMYK	0.22, 0.00, 0.79, 0.35
HSL	77°, 65%, 39%
HSV	77°, 79%, 65%
XYZ	22.6606, 31.6208, 6.4992
YIQ	139.1170, 19.6780, -48.2740

# Conversions

## Conversions Part 2

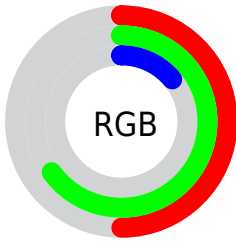
Format	Color
<a href="#">RYB</a>	<a href="#">35, 165, 72</a>
Decimal	<a href="#">8430883</a>
CIELab	<a href="#">63.03, -30.60, 58.09</a>
CIElCh	<a href="#">63, 65.660, 117.779</a>
Yxy	<a href="#">31.6208, 0.3728, 0.5202</a>
Android (android.graphics.Color)	<a href="#">4286620963 (0xFF80A523)</a>
YUV	<a href="#">139.1170, -51.3297, -9.7496</a>
Hunter-Lab	<a href="#">56.2324, -26.4745, 32.5101</a>

# Details

The Decimal color **8430883** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4727717**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **12115035**, and **4878592** is the 20% darker color. If you saturate the color by 10%, you get **8103187**, and if you desaturate by 10%, it is **8758580**.

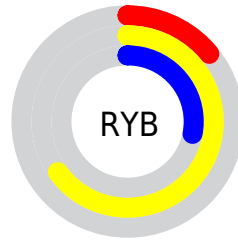
# Distribution



Red (50%)

Green (65%)

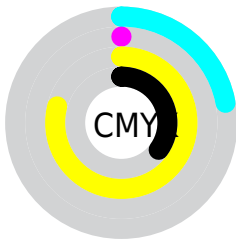
Blue (14%)



Red (14%)

Yellow (65%)

Blue (28%)

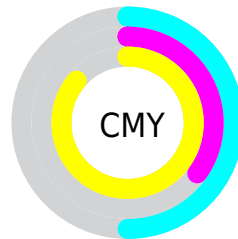


Cyan (22%)

Magenta (0%)

Yellow (79%)

Black (35%)



Cyan (50%)

Magenta (35%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8430883 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 8430883 by changing the saturation by 10% instead.



 8430883

 8430883

16777215

 6654720

 12115035

 4878592

 14023030

 3168256

 15925138

 1130752

 16777133

 10752

 16777162

 4864

 16777191

 0

 8430883

 8430883

 8103187

 8758580

■ 7841026

■ 9020740

■ 7775488

■ 9348437

■ 9676133

■ 9938294

■ 10265990

■ 10593687

■ 10921383

■ 11183544

# Harmonies

## Analogous

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



12162059



8430883



2142039

# Triad

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



8430883



44795



16605087

# Complementary

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



8430883



4727717

# 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.



14381272



8430883



41471

# Square

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



8430883



46029



9407487



16737894

# Rectangle

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



8430883



45694



9407487



16147379



# Sweetspot

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



8430883



13162147



10831907



6449996



15461355



7039851



# Same Dimension

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



8430883



10278411



4171043



5198409



6852864



856576



# Inverse Universe

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



4727717



4525014



8987557



4999506



2687121



327698



# Previews

## White Background



This preview shows how the Decimal color 8430883 looks on a white background.

## Color Contrast Check

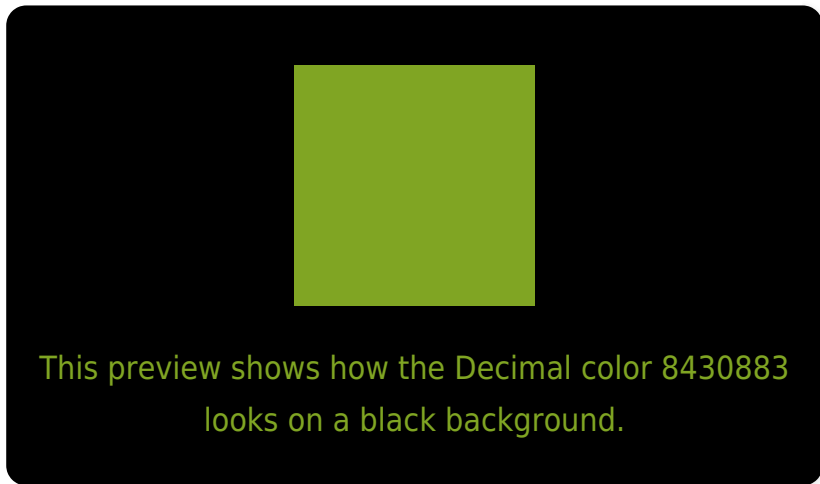
Large Text (above 18pt) WCAG AA × Fail

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 8430883 Background



This preview shows how black text looks on a background with the Decimal color 8430883.



This preview shows how white text looks on a background with the Decimal color 8430883.

# 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**  
8430883

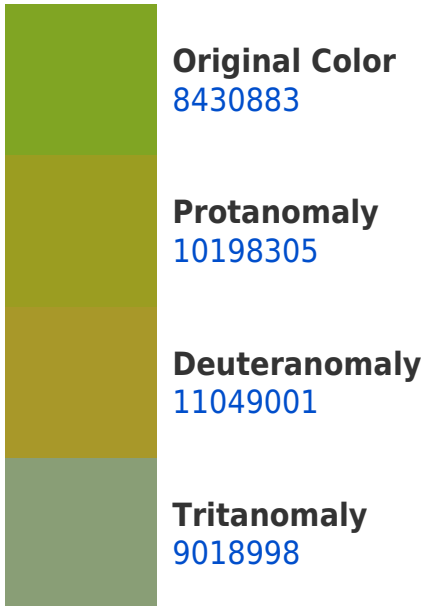
**Protanopia**  
11245600

**Deuteranopia**  
12554285

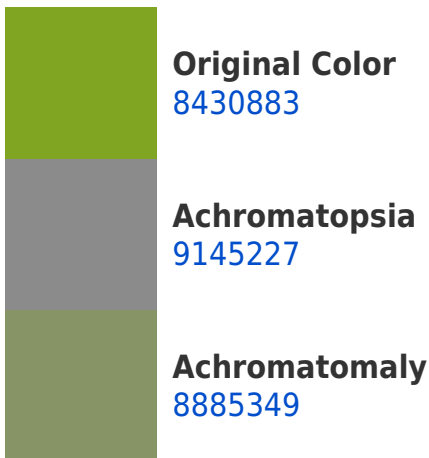


**Tritanopia**  
9345702

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8430883 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 #80A523 looks like.

```
.text, #text, p{  
  color:#80A523  
}
```

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 #80A523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A523
}
```

## Border

The CSS property to change the border of an element to Decimal 8430883 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
#80A523 }
```

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

```
.border{ border-color:#80A523 }
```

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

Here you see how a box with a 4 pixel #80A523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A523; -webkit-box-shadow:4px 4px  
4px 4px #80A523; box-shadow:4px 4px 4px  
4px #80A523 }
```

# Background

The CSS property to change the background color of an element to Decimal 8430883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A523 }
```

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

```
.background{ background-color:#80A523 }
```

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