

# Converting Colors

Decimal(8454202)

Have a look what the booklet for  
Decimal(8454202) contains.

<b>Decimal(8454202)</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(8454202)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81003A
RGB	129, 0, 58
RGB Percent	51%, 0%, 23%
CMY	0.4941, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.55, 0.49
HSL	333°, 100%, 25%
HSV	333°, 100%, 51%
XYZ	9.8170, 4.9726, 4.4454
YIQ	45.1830, 58.2660, 45.3860

# Conversions

## Conversions Part 2

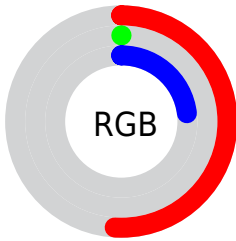
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 0, 58
Decimal	8454202
CIE <sub>Lab</sub>	26.66, 50.73, 4.68
CIE <sub>LCh</sub>	27, 50.944, 5.269
Yxy	4.9726, 0.5104, 0.2585
Android (android.graphics.Color)	4286644282 (0xFF81003A)
YUV	45.1830, 6.3188, 73.5075
Hunter-Lab	22.2994, 39.5582, 3.7901

# Details

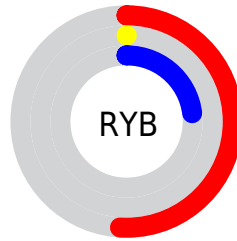
The Decimal color **8454202** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33095**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **12272745**, and **4784143** is the 20% darker color. If you saturate the color by 10%, you get **8454202**, and if you desaturate by 10%, it is **8457537**.

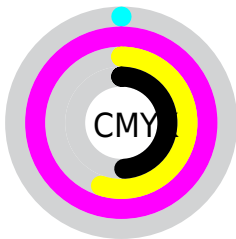
# Distribution



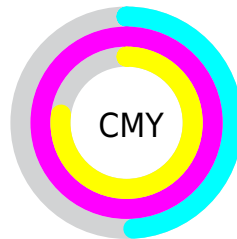
- Red (51%)
- Green (0%)
- Blue (23%)



- Red (51%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8454202 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 8454202 by changing the saturation by 10% instead.



 8454202

 8454202


16777215

 6619173

 12272745

 4784143

 14246018

 3080194

 16219036

 0

 16750263

 16757458

 16764654

 16772095

 8454202

■ 8457537

■ 8460872

■ 8464207

■ 8467542

■ 8470878

■ 8473957

■ 8477292

■ 8480627

■ 8483962

# Harmonies

## Analogous

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



7411552



8454202



8132628

# Triad

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



8454202



1984768



19590

# Complementary

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



8454202



33095

# 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.



20331



8454202



19740

# Square

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



8454202



4734976



20293



17038

# Rectangle

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



8454202



7284992



20293



19839



# Sweetspot

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



8454202



11040397



4653185



5518915



13948116



5526612



# Same Dimension

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



8454202



11010124



8455680



4208956



8388665



0



# Inverse Universe

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



8454202



11010124



31617



4208956



8388665

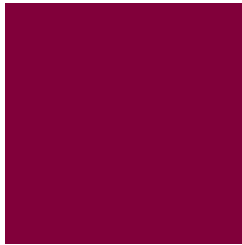


0



# Previews

## White Background



This preview shows how the Decimal color 8454202 looks on a white background.

## Color Contrast Check

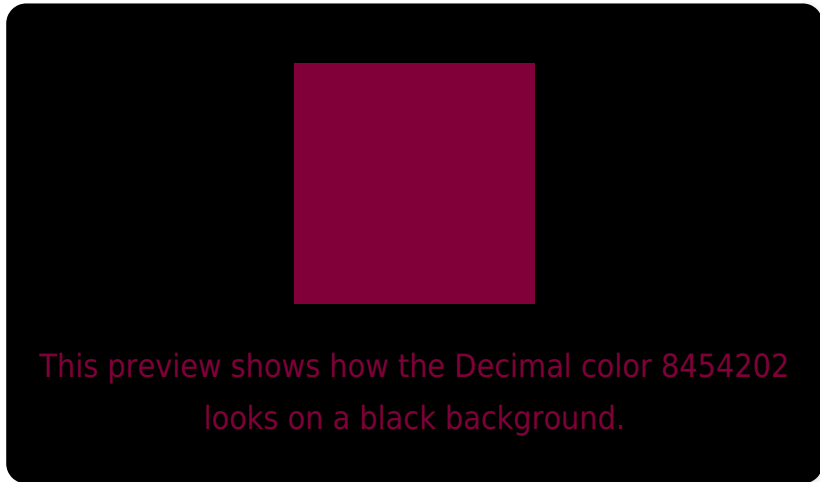
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

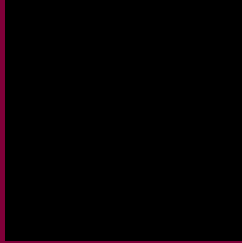
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8454202 Background



This preview shows how black text looks on a background with the Decimal color 8454202.

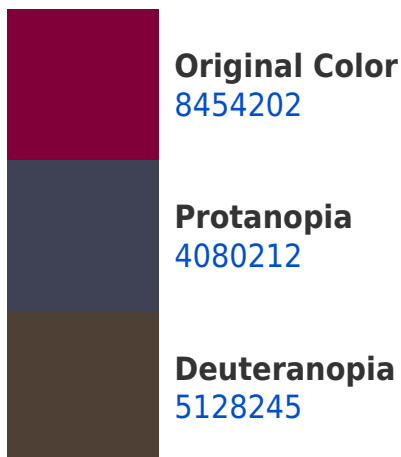


This preview shows how white text looks on a background with the Decimal color 8454202.

# 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





# Trichromacy



**Original Color**  
8454202

**Protanomaly**  
5646923

**Deuteranomaly**  
6367543

**Tritanomaly**  
8392484

# Monochromacy



**Original Color**  
8454202

**Achromatopsia**  
2960685

**Achromatomaly**  
4988210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8454202 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 #81003A looks like.

```
.text, #text, p{  
  color:#81003A  
}
```

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 #81003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81003A
}
```

## Border

The CSS property to change the border of an element to Decimal 8454202 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".

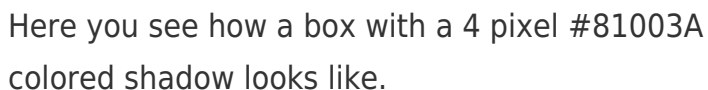
```
.border, #border, table{ border:4px solid
#81003A }
```

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

```
.border{ border-color:#81003A }
```

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

Here you see how a box with a 4 pixel #81003A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81003A; -webkit-box-shadow:4px 4px  
4px 4px #81003A; box-shadow:4px 4px 4px  
4px #81003A }
```

# Background

The CSS property to change the background color of an element to Decimal 8454202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81003A }
```

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

```
.background{ background-color:#81003A }
```

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