

# Converting Colors

Decimal(8470145)

Have a look what the booklet for  
Decimal(8470145) contains.

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# Color

**Decimal(8470145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	813E81
RGB	129, 62, 129
RGB Percent	51%, 24%, 51%
CMY	0.4941, 0.7569, 0.4941
CMYK	0.00, 0.52, 0.00, 0.49
HSL	300°, 35%, 37%
HSV	300°, 52%, 51%
XYZ	14.7383, 9.6974, 21.8639
YIQ	89.6710, 18.4250, 35.0410

# Conversions

## Conversions Part 2

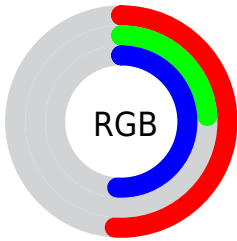
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 62, 129
Decimal	8470145
CIE <sub>Lab</sub>	37.29, 38.91, -25.23
CIE <sub>LCh</sub>	37, 46.372, 327.037
Yxy	9.6974, 0.3183, 0.2094
Android (android.graphics.Color)	4286660225 (0xFF813E81)
<b>YUV</b>	89.6710, 19.3892, 34.4915
Hunter-Lab	31.1406, 29.9852, -19.8292

# Details

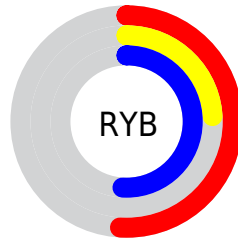
The Decimal color **8470145** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4096318**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **12087734**, and **5048655** is the 20% darker color. If you saturate the color by 10%, you get **8466817**, and if you desaturate by 10%, it is **8473473**.

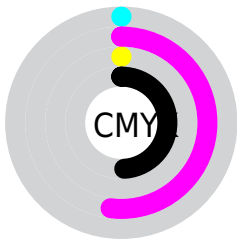
# Distribution



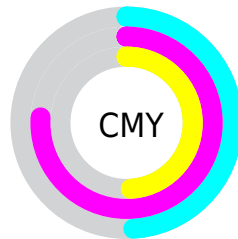
- Red (51%)
- Green (24%)
- Blue (51%)



- Red (51%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8470145 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 8470145 by changing the saturation by 10% instead.



8470145

8470145

16777215

6759784

12087734

5048655

13929426

3473464

15836910

2031651

16761343

8

16768767

0

16776191

8470145

8470145

8466817

8473473

8463489

8476801

8460161

8480129

8456833

8483457

8454273

8486785

8489857

8493185

8496513

8499841

# Harmonies

## Analogous

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



5263259



8470145



9974365

# Triad

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



8470145



7165184



27001

# Complementary

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



8470145



4096318

# 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.



26963



8470145



4808713

# Square

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



8470145



8996375



484909



26262

# Rectangle

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



8470145



10171204



484909



26989



# Sweetspot

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



8470145



11046312



4079233



5522516



13948116



5526612



# Same Dimension

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



8470145



11026600



8470112



4208960



8388736



0



# Inverse Universe

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



8470145



11026600



4096352



4208960



8388736



0



# Previews

## White Background



This preview shows how the Decimal color 8470145 looks on a white background.

## Color Contrast Check

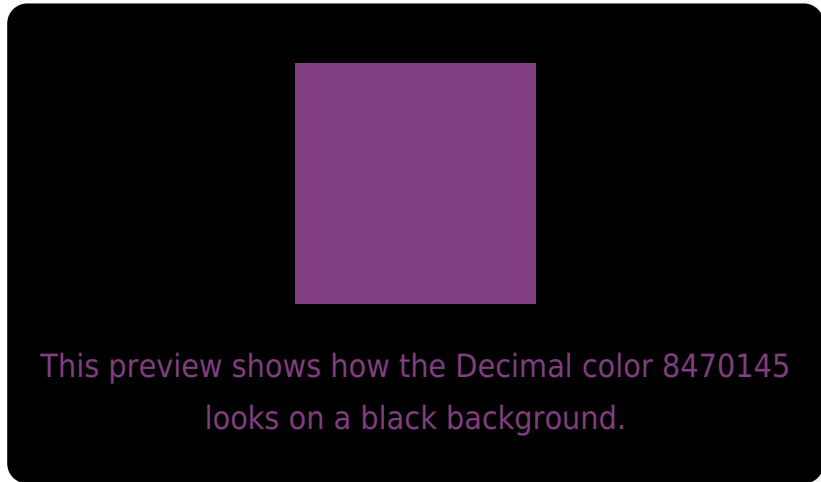
Large Text (above 18pt) WCAG AA ✓ Pass

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

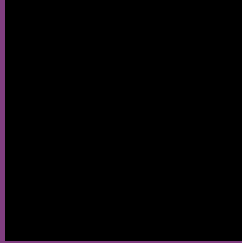
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8470145 Background



This preview shows how black text looks on a background with the Decimal color 8470145.



This preview shows how white text looks on a background with the Decimal color 8470145.

# 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**  
8470145

**Protanomaly**  
5655950

**Deuteranomaly**  
6246014

**Tritanomaly**  
8210018

# Monochromacy



**Original Color**  
8470145

**Achromatopsia**  
5921370

**Achromatomaly**  
6836328

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8470145 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 #813E81 looks like.

```
.text, #text, p{  
    color:#813E81  
}
```

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 #813E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813E81
}
```

## Border

The CSS property to change the border of an element to Decimal 8470145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

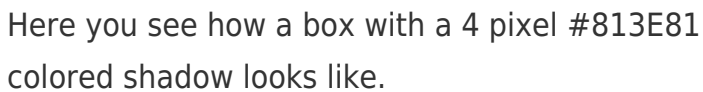
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813E81 }
```

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

```
.border{ border-color:#813E81 }
```

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



Here you see how a box with a 4 pixel #813E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813E81; -webkit-box-shadow:4px 4px  
4px 4px #813E81; box-shadow:4px 4px 4px  
4px #813E81 }
```

# Background

The CSS property to change the background color of an element to Decimal 8470145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813E81 }
```

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

```
.background{ background-color:#813E81 }
```

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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