

# Converting Colors

Decimal(8472172)

Have a look what the booklet for  
Decimal(8472172) contains.

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**Color**

**Decimal(8472172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81466C
RGB	129, 70, 108
RGB Percent	51%, 27%, 42%
CMY	0.4941, 0.7255, 0.5765
CMYK	0.00, 0.46, 0.16, 0.49
HSL	321°, 30%, 39%
HSV	321°, 46%, 51%
XYZ	13.9502, 10.1302, 15.4074
YIQ	91.9730, 22.9660, 24.3260

# Conversions

## Conversions Part 2

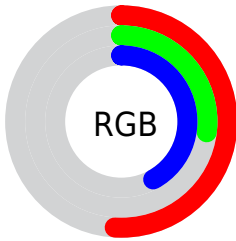
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 70, 108
Decimal	8472172
CIE <sub>Lab</sub>	38.08, 30.66, -10.99
CIE <sub>LCh</sub>	38, 32.572, 340.285
Yxy	10.1302, 0.3533, 0.2565
Android (android.graphics.Color)	4286662252 (0xFF81466C)
YUV	91.9730, 7.9013, 32.4727
Hunter-Lab	31.8279, 22.5379, -6.4219

# Details

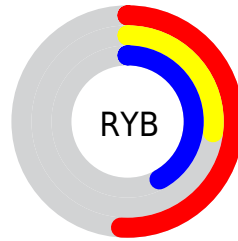
The Decimal color **8472172** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4620635**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **12023967**, and **5117501** is the 20% darker color. If you saturate the color by 10%, you get **8468839**, and if you desaturate by 10%, it is **8475505**.

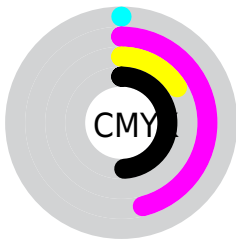
# Distribution



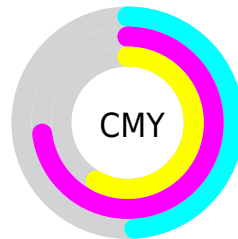
- Red (51%)
- Green (27%)
- Blue (42%)



- Red (51%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (16%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8472172 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 8472172 by changing the saturation by 10% instead.





8472172



8472172

16777215



6762068



12023967



5117501



13865658



3538983



15773142



2162706



16763379



0



16770559



8472172



8472172



8468839



8475505



8465507



8478837

8462174

8482170

8458842

8485502

8455765

8488835

8454227

8491912

8495244

8498577

8501909

# Harmonies

## Analogous

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



6770562



8472172



9126738

# Triad

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



8472172



6314788



26235

# Complementary

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



8472172



4620635

# 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.



26466



8472172



4481584

# Square

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



8472172



7819815



1795655



24971

# Rectangle

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



8472172



9061953



1795655



26227



# Sweetspot

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



8472172



11047328



5981825



5523023



13948116



5526612



# Same Dimension

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



8472172



11029639



8472143



4208957



8388690



0



# Inverse Universe

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



8472172



11029639



4620664



4208957



8388690

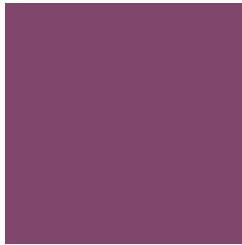


0



# Previews

## White Background



This preview shows how the Decimal color 8472172 looks on a white background.

## Color Contrast Check

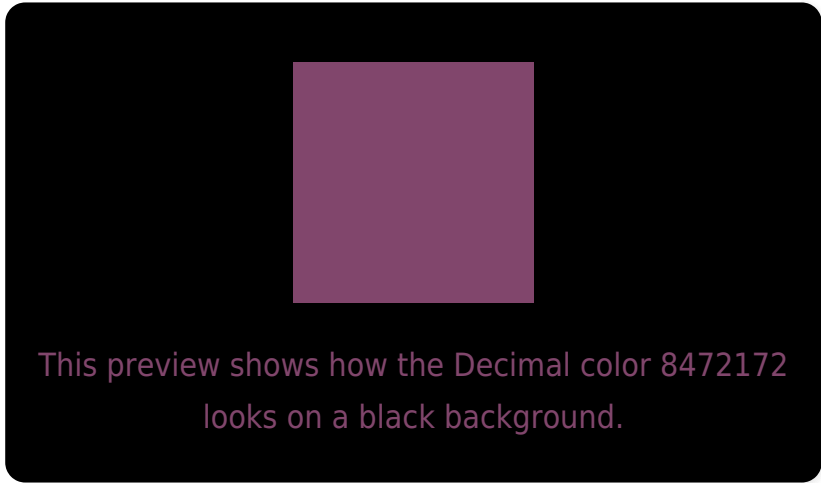
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

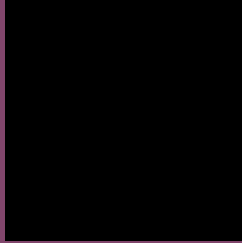
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8472172 Background



This preview shows how black text looks on a background with the Decimal color 8472172.



This preview shows how white text looks on a background with the Decimal color 8472172.

# 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**  
8276817

# Trichromacy



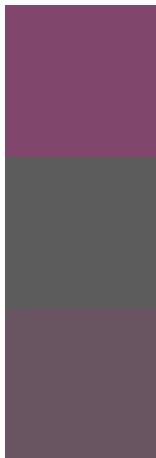
**Original Color**  
8472172

**Protanomaly**  
6443637

**Deuteranomaly**  
6902122

**Tritanomaly**  
8341851

# Monochromacy



**Original Color**  
8472172

**Achromatopsia**  
6052956

**Achromatomaly**  
6902882

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8472172 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 #81466C looks like.

```
.text, #text, p{  
    color:#81466C  
}
```

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 #81466C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81466C
}
```

## Border

The CSS property to change the border of an element to Decimal 8472172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

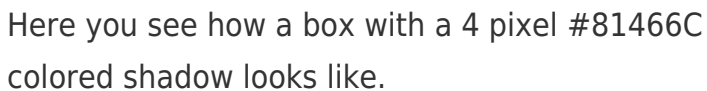
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81466C }
```

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

```
.border{ border-color:#81466C }
```

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



Here you see how a box with a 4 pixel #81466C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81466C; -webkit-box-shadow:4px 4px  
4px 4px #81466C; box-shadow:4px 4px 4px  
4px #81466C }
```

# Background

The CSS property to change the background color of an element to Decimal 8472172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81466C }
```

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

```
.background{ background-color:#81466C }
```

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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