

# Converting Colors

Decimal(8484222)

Have a look what the booklet for  
Decimal(8484222) contains.

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# Color

**Decimal(8484222)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81757E
RGB	129, 117, 126
RGB Percent	51%, 46%, 49%
CMY	0.4941, 0.5412, 0.5059
CMYK	0.00, 0.09, 0.02, 0.49
HSL	315°, 5%, 48%
HSV	315°, 9%, 51%
XYZ	19.1804, 18.8961, 22.3750
YIQ	121.6140, 4.2630, 5.3430

# Conversions

## Conversions Part 2

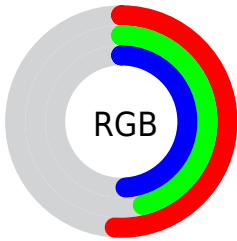
Format	Color
<b>RYB</b>	129, 117, 126
Decimal	8484222
CIELab	50.57, 6.36, -3.25
CIELCh	51, 7.141, 332.887
Yxy	18.8961, 0.3173, 0.3126
Android (android.graphics.Color)	4286674302 (0xFF81757E)
YUV	121.6140, 2.1623, 6.4775
Hunter-Lab	43.4696, 2.6892, -0.0895

# Details

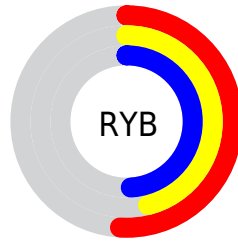
The Decimal color **8484222** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7700856**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11970995**, and **5260621** is the 20% darker color. If you saturate the color by 10%, you get **8480891**, and if you desaturate by 10%, it is **8487553**.

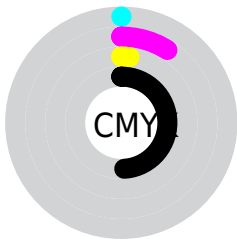
# Distribution



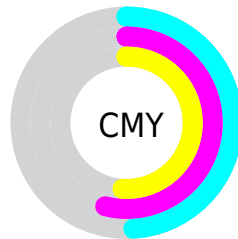
- Red (51%)
- Green (46%)
- Blue (49%)



- Red (51%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8484222 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 8484222 by changing the saturation by 10% instead.





8484222



8484222

16777215



6839397



11970995



5260621



13747406



3747638



15655146



2300449



16776703



917514



0



8484222



8484222



8480891



8487553



8477560



8490884

8474228

8494216

8470897

8497547

8467566

8500878

8464491

8503953

8461159

8507285

8457828

8510616

8454497

8513947

# Harmonies

## Analogous

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



8025987



8484222



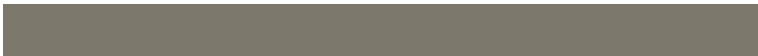
8746104

# Triad

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



8484222



8222828



6913151

# Complementary

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



8484222



7700856

# 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.



7044217



8484222



7764590

# Square

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



8484222



8615534



7306099



7109251

# Rectangle

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



8484222



8811636



7306099



6913149



# Sweetspot

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



8484222



11051943



7894401



5525843



13948116



5526612



# Same Dimension

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



8484222



11048612



8484216



4208958



8388704



0



# Inverse Universe

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



8484222



11048612



7700862



4208958



8388704



0



# Previews

## White Background



This preview shows how the Decimal color 8484222 looks on a white 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

# Black Background



This preview shows how the Decimal color 8484222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

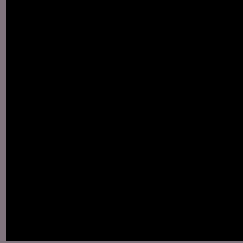
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8484222 Background



This preview shows how black text looks on a background with the Decimal color 8484222.



This preview shows how white text looks on a background with the Decimal color 8484222.

# 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**  
8484222

**Protanopia**  
7895168

**Deuteranopia**  
8549758



**Tritanopia**  
8484222

# Trichromacy



**Original Color**

8484222

**Protanomaly**

8091519

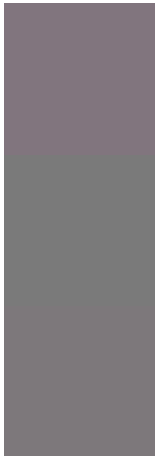
**Deuteranomaly**

8549758

**Tritanomaly**

8484222

# Monochromacy



**Original Color**

8484222

**Achromatopsia**

8026746

**Achromatomaly**

8222843

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8484222 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 #81757E looks like.

```
.text, #text, p{  
    color:#81757E  
}
```

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 #81757E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81757E
}
```

## Border

The CSS property to change the border of an element to Decimal 8484222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

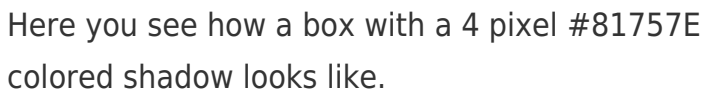
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81757E }
```

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

```
.border{ border-color:#81757E }
```

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



Here you see how a box with a 4 pixel #81757E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81757E; -webkit-box-shadow:4px 4px  
4px 4px #81757E; box-shadow:4px 4px 4px  
4px #81757E }
```

# Background

The CSS property to change the background color of an element to Decimal 8484222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81757E }
```

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

```
.background{ background-color:#81757E }
```

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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