

Converting Colors

Decimal(8742002)

Have a look what the booklet for
Decimal(8742002) contains.

Decimal(8742002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8742002)

Conversions

Conversions Part 1

Format	Color
Hex	856472
RGB	133, 100, 114
RGB Percent	52%, 39%, 45%
CMY	0.4784, 0.6078, 0.5529
CMYK	0.00, 0.25, 0.14, 0.48
HSL	335°, 14%, 46%
HSV	335°, 25%, 52%
XYZ	17.2673, 15.3158, 17.9657
YIQ	111.4630, 15.1740, 11.3500

Conversions

Conversions Part 2

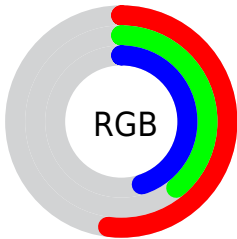
Format	Color
R_{YB}	133, 100, 114
Decimal	8742002
CIE _{Lab}	46.06, 15.67, -2.69
CIE _{LCh}	46, 15.895, 350.257
Yxy	15.3158, 0.3416, 0.3030
Android (android.graphics.Color)	4286932082 (0xFF856472)
YUV	111.4630, 1.2507, 18.8879
Hunter-Lab	39.1354, 10.2707, 0.1767

Details

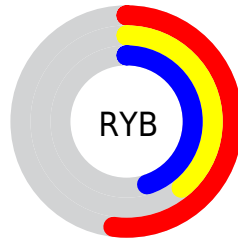
The Decimal color **8742002** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6587767**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **12294054**, and **5453122** is the 20% darker color. If you saturate the color by 10%, you get **8738666**, and if you desaturate by 10%, it is **8745338**.

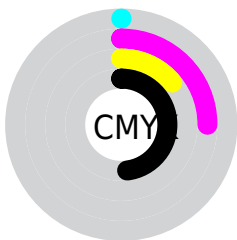
Distribution



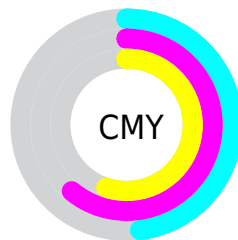
- Red (52%)
- Green (39%)
- Blue (45%)



- Red (52%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (48%)



- Cyan (48%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8742002 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 8742002 by changing the saturation by 10% instead.



8742002



8742002

16777215



7031898



12294054



5453122



14070465



3874604



15977949



2427416



16771833



0



8742002



8742002



8738666



8745338



8735075



8748929



8731739



8752265

8728403

8755601

8724812

8759192

8721476

8762528

8718140

8765864

8716344

8769199

8772791

Harmonies

Analogous

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



8021886



8742002



9004132

Triad

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



8742002



7237460



4944769

Complementary

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



8742002



6587767

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.



4748662



8742002



6189660

Square

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



8742002



8088403



5272680



5795975

Rectangle

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



8742002



8873309



5272680



4748414

Sweetspot

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



8742002



11379110



7824517



5722195



14079702



5723991

Same Dimension

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



8742002



11368847



8742500



4340798



8519735



196609

Inverse Universe

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



8742002



11368847



6587269



4340798



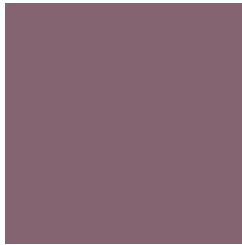
8519735



196609

Previews

White Background



This preview shows how the Decimal color 8742002 looks on a white background.

Color Contrast Check

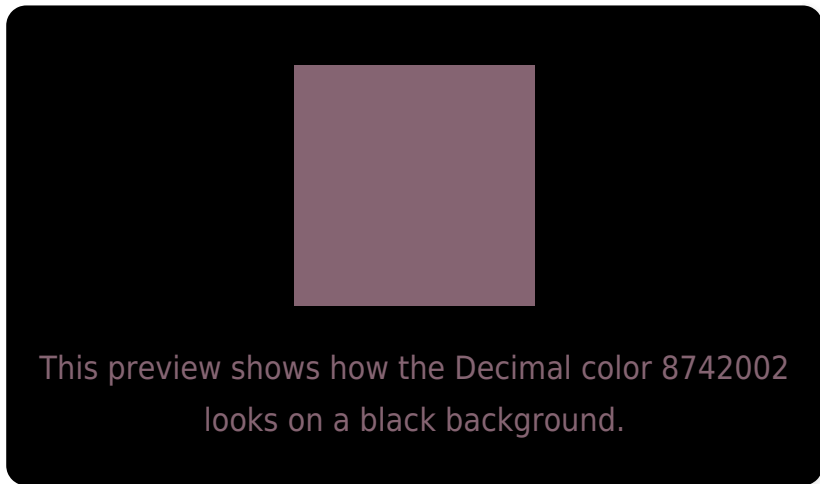
Large Text (above 18pt) WCAG AA ✓ Pass

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

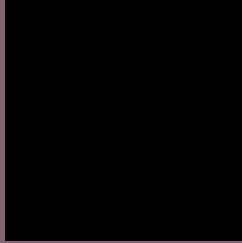
Any Text WCAG AA × Fail

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 8742002 Background



This preview shows how black text looks on a background with the Decimal color 8742002.



This preview shows how white text looks on a background with the Decimal color 8742002.

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

8742002

Protanopia

7105911

Deuteranopia

7760497



Tritanopia
8676717

Trichromacy



Original Color
8742002

Protanomaly
7694965

Deuteranomaly
8087665

Tritanomaly
8676719

Monochromacy



Original Color
8742002

Achromatopsia
7303023

Achromatomaly
7826288

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8742002 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 #856472 looks like.

```
.text, #text, p{  
    color:#856472  
}
```

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 #856472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856472  
}
```

Border

The CSS property to change the border of an element to Decimal 8742002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

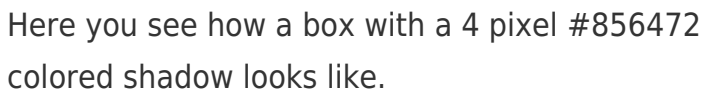
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#856472 }
```

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

```
.border{ border-color:#856472 }
```

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



Here you see how a box with a 4 pixel #856472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856472; -webkit-box-shadow:4px 4px  
4px 4px #856472; box-shadow:4px 4px 4px  
4px #856472 }
```

Background

The CSS property to change the background color of an element to Decimal 8742002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856472 }
```

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

```
.background{ background-color:#856472 }
```

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