

Converting Colors

Decimal(8415104)

Have a look what the booklet for
Decimal(8415104) contains.

Decimal(8415104)	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(8415104)

Conversions

Conversions Part 1

Format	Color
Hex	806780
RGB	128, 103, 128
RGB Percent	50%, 40%, 50%
CMY	0.4980, 0.5961, 0.4980
CMYK	0.00, 0.20, 0.00, 0.50
HSL	300°, 11%, 45%
HSV	300°, 20%, 50%
XYZ	17.6486, 15.8482, 22.5509
YIQ	113.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

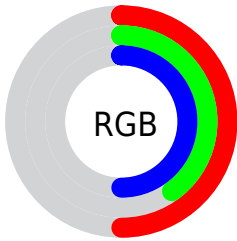
Format	Color
R_{YB}	128, 103, 128
Decimal	8415104
CIE _{Lab}	46.77, 14.67, -10.10
CIE _{LCh}	47, 17.810, 325.458
Yxy	15.8482, 0.3149, 0.2828
Android (android.graphics.Color)	4286605184 (0xFF806780)
YUV	113.3250, 7.2348, 12.8700
Hunter-Lab	39.8098, 9.4661, -5.7189

Details

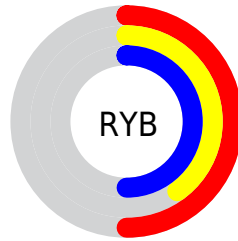
The Decimal color **8415104** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6783079**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11901621**, and **5191759** is the 20% darker color. If you saturate the color by 10%, you get **8411776**, and if you desaturate by 10%, it is **8418432**.

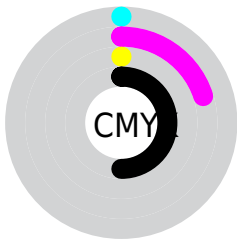
Distribution



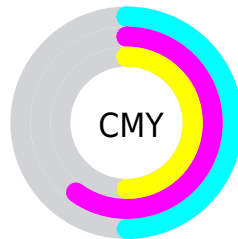
- Red (50%)
- Green (40%)
- Blue (50%)



- Red (50%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8415104 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 8415104 by changing the saturation by 10% instead.



8415104



8415104

16777215



6770535



11901621



5191759



13743568



3613240



15585773



2231586



16772607



11



0



8415104



8415104



8411776



8418432



8408448



8421760

8405376

8424832

8402048

8428160

8398720

8431488

8395392

8434816

8392064

8438144

8388992

8441216

8388736

8444544

Harmonies

Analogous

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



7236746



8415104



9135218

Triad

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



8415104



8154449



4421499

Complementary

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



8415104



6783079

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.



5011308



8415104



7107156

Square

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



8415104



8939607



5993822



4814215

Rectangle

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



8415104



9266280



5993822



4552566

Sweetspot

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



8415104



10919078



6776704



5525076



13948116



5526612

Same Dimension

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



8415104



10911910



8415092



4208960



8388736



0

Inverse Universe

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



8415104



10911910



6783092



4208960



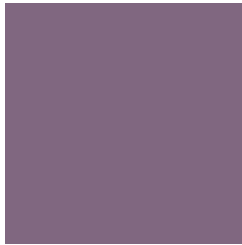
8388736



0

Previews

White Background



This preview shows how the Decimal color 8415104 looks on a white background.

Color Contrast Check

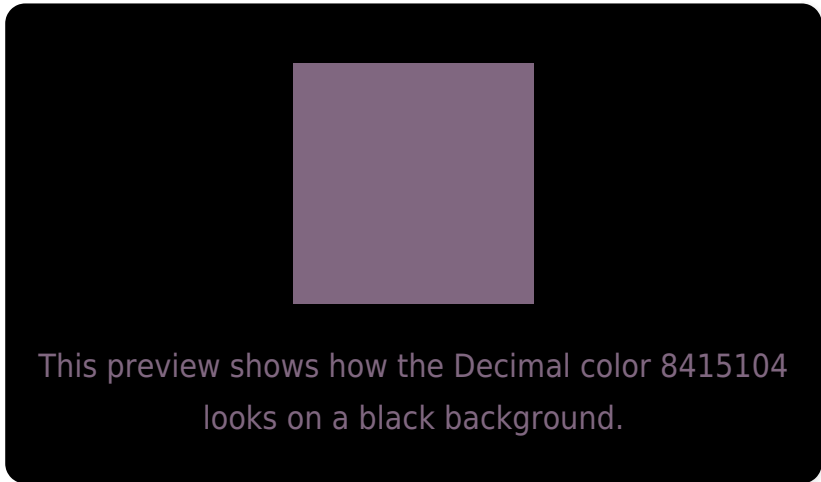
Large Text (above 18pt) WCAG AA ✓ Pass

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

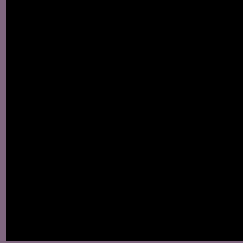
Any Text WCAG AA × Fail

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 8415104 Background



This preview shows how black text looks on a background with the Decimal color 8415104.



This preview shows how white text looks on a background with the Decimal color 8415104.

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
8415104

Protanopia
6975109

Deuteranopia
7498879



Tritanopia
8284786

Trichromacy



Original Color
8415104

Protanomaly
7498627

Deuteranomaly
7826047

Tritanomaly
8350071

Monochromacy



Original Color
8415104

Achromatopsia
7434609

Achromatomaly
7761270

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8415104 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 #806780 looks like.

```
.text, #text, p{  
    color:#806780  
}
```

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 #806780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806780
}
```

Border

The CSS property to change the border of an element to Decimal 8415104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

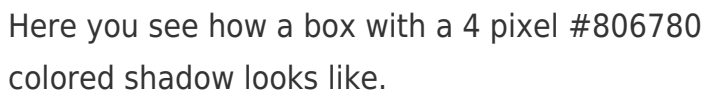
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806780 }
```

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

```
.border{ border-color:#806780 }
```

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



Here you see how a box with a 4 pixel #806780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806780; -webkit-box-shadow:4px 4px  
4px 4px #806780; box-shadow:4px 4px 4px  
4px #806780 }
```

Background

The CSS property to change the background color of an element to Decimal 8415104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806780 }
```

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

```
.background{ background-color:#806780 }
```

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