

Converting Colors

Decimal(8546953)

Have a look what the booklet for
Decimal(8546953) contains.

Decimal(8546953)	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(8546953)

Conversions

Conversions Part 1

Format	Color
Hex	826A89
RGB	130, 106, 137
RGB Percent	51%, 42%, 54%
CMY	0.4902, 0.5843, 0.4627
CMYK	0.05, 0.23, 0.00, 0.46
HSL	286°, 13%, 48%
HSV	286°, 23%, 54%
XYZ	18.8753, 16.8600, 25.9264
YIQ	116.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

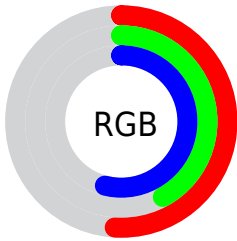
Format	Color
R_{YB}	130, 106, 137
Decimal	8546953
CIE _{Lab}	48.08, 15.49, -13.47
CIE _{LCh}	48, 20.532, 318.985
Yxy	16.8600, 0.3061, 0.2734
Android (android.graphics.Color)	4286737033 (0xFF826A89)
YUV	116.7100, 10.0030, 11.6553
Hunter-Lab	41.0610, 10.1979, -8.6937

Details

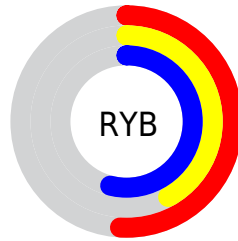
The Decimal color **8546953** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7440746**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **12033470**, and **5258071** is the 20% darker color. If you saturate the color by 10%, you get **8346761**, and if you desaturate by 10%, it is **8747145**.

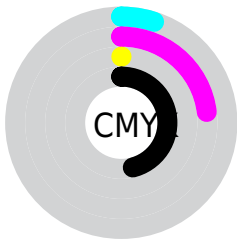
Distribution



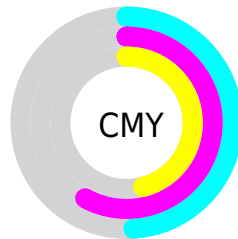
- Red (51%)
- Green (42%)
- Blue (54%)



- Red (51%)
- Yellow (42%)
- Blue (54%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8546953 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 8546953 by changing the saturation by 10% instead.



8546953



8546953

16777215



6902384



12033470



5258071



13875418



3745088



15717623



2297898



16773375



458773



0



8546953



8546953



8346761



8747145



8146825



8947081

7946633

9147273

7746441

9347465

7546505

9547657

7280777

9813129

7080585

10013321

6946953

10213513

10413449

Harmonies

Analogous

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



7106707



8546953



9463417

Triad

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



8546953



8679248



4160637

Complementary

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



8546953



7440746

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.



5012331



8546953



7566417

Square

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



8546953



9529689



6256987



4291212

Rectangle

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



8546953



9790829



6256987



4357239

Sweetspot

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



8546953



11577011



6975881



5788249



14277081



5855577

Same Dimension

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



8546953



11043507



9005697



4406853



6750341



262149

Inverse Universe

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



9005681



11764365



6982002



4537920



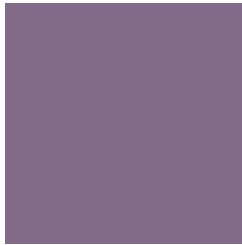
8716318



327681

Previews

White Background



This preview shows how the Decimal color 8546953 looks on a white background.

Color Contrast Check

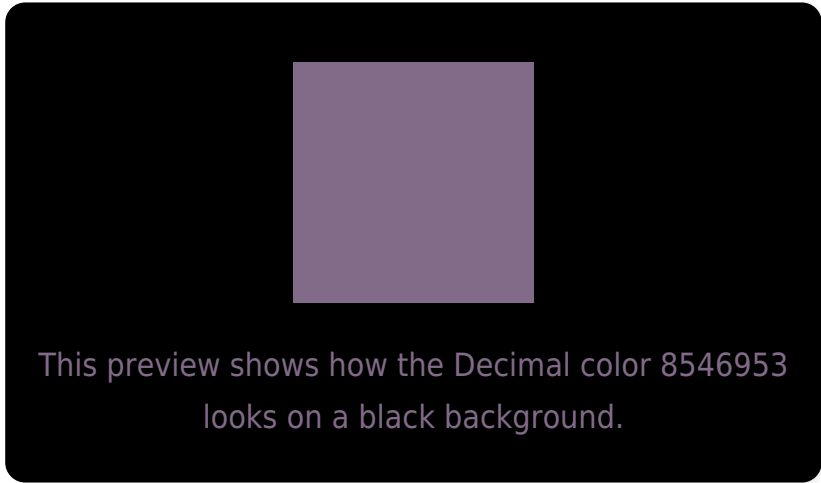
Large Text (above 18pt) WCAG AA ✓ Pass

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

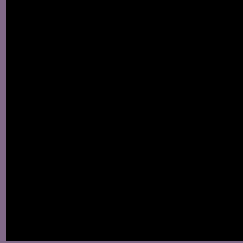
Any Text WCAG AA × Fail

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 8546953 Background



This preview shows how black text looks on a background with the Decimal color 8546953.



This preview shows how white text looks on a background with the Decimal color 8546953.

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


8546953

Protanopia

7041422

Deuteranopia

7565448



Tritanopia
8351094

Trichromacy



Original Color
8546953

Protanomaly
7564940

Deuteranomaly
7892616

Tritanomaly
8416381

Monochromacy



Original Color
8546953

Achromatopsia
7697781

Achromatomaly
8024444

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8546953 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 #826A89 looks like.

```
.text, #text, p{  
    color:#826A89  
}
```

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 #826A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826A89
}
```

Border

The CSS property to change the border of an element to Decimal 8546953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

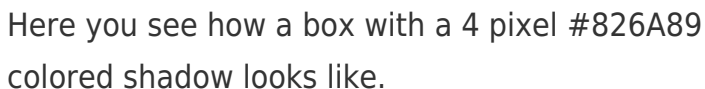
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826A89 }
```

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

```
.border{ border-color:#826A89 }
```

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



Here you see how a box with a 4 pixel #826A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826A89; -webkit-box-shadow:4px 4px  
4px 4px #826A89; box-shadow:4px 4px 4px  
4px #826A89 }
```

Background

The CSS property to change the background color of an element to Decimal 8546953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826A89 }
```

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

```
.background{ background-color:#826A89 }
```

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