

# Converting Colors

Decimal(8677521)

Have a look what the booklet for  
Decimal(8677521) contains.

<b>Decimal(8677521)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(8677521)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846891
RGB	132, 104, 145
RGB Percent	52%, 41%, 57%
CMY	0.4824, 0.5922, 0.4314
CMYK	0.09, 0.28, 0.00, 0.43
HSL	281°, 16%, 49%
HSV	281°, 28%, 57%
XYZ	19.5769, 16.8505, 29.0087
YIQ	117.0460, 3.5270, 18.6870

# Conversions

## Conversions Part 2

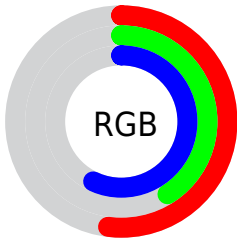
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 104, 145</a>
Decimal	<a href="#">8677521</a>
CIELab	<a href="#">48.07, 19.11, -18.22</a>
CIElCh	<a href="#">48, 26.410, 316.364</a>
Yxy	<a href="#">16.8505, 0.2992, 0.2575</a>
Android (android.graphics.Color)	<a href="#">4286867601 (0xFF846891)</a>
YUV	<a href="#">117.0460, 13.7813, 13.1147</a>
Hunter-Lab	<a href="#">41.0494, 13.2922, -13.1645</a>

# Details

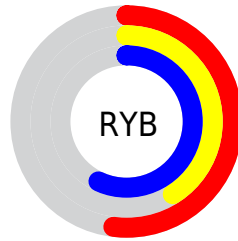
The Decimal color **8677521** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7704936**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **12164039**, and **5388638** is the 20% darker color. If you saturate the color by 10%, you get **8346257**, and if you desaturate by 10%, it is **9008785**.

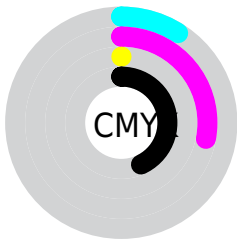
# Distribution



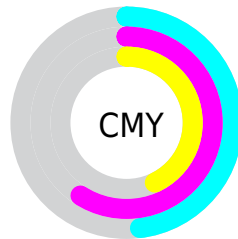
- Red (52%)
- Green (41%)
- Blue (57%)



- Red (52%)
- Yellow (41%)
- Blue (57%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (59%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8677521 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 8677521 by changing the saturation by 10% instead.





8677521



8677521

16777215



6967415



12164039



5388638



14005987



3810119



15913727



2362928



16772863



720923



0



8677521



8677521



8346257



9008785



8080273



9274769

7748753

9606033

7483025

9872017

7151505

10203537

6820241

10534801

6554257

10800529

6488209

11132049

11398033

# Harmonies

## Analogous

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



6713501



8677521



9921149

# Triad

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



8677521



9071943



2457214

# Complementary

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



8677521



7704936

# 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.



4226407



8677521



7697735

# Square

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



8677521



10053203



6060627



2260114

# Rectangle

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



8677521



10314094



6060627



2981494



# Sweetspot

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



8677521



12103357



6846097



5985630



14606046



6184542



# Same Dimension

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



8677521



11042237



9529482



4538439



6029447



327688



# Inverse Universe

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



9529461



12418449



6852975



4669507



8847403

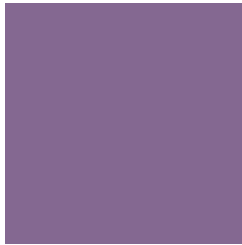


524290



# Previews

## White Background



This preview shows how the Decimal color 8677521 looks on a white background.

## Color Contrast Check

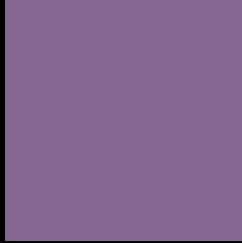
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 8677521 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

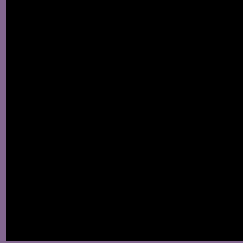
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8677521 Background



This preview shows how black text looks on a background with the Decimal color 8677521.

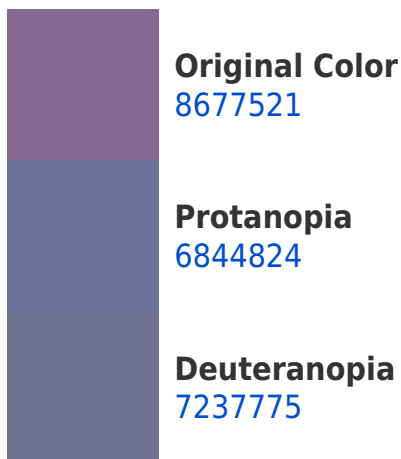



This preview shows how white text looks on a background with the Decimal color 8677521.

# 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**  
8416630

# Trichromacy



**Original Color**  
8677521

**Protanomaly**  
7499413

**Deuteranomaly**  
7761296

**Tritanomaly**  
8481664

# Monochromacy



**Original Color**  
8677521

**Achromatopsia**  
7697781

**Achromatomaly**  
8024191

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8677521 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 #846891 looks like.

```
.text, #text, p{  
    color:#846891  
}
```

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 #846891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846891
}
```

## Border

The CSS property to change the border of an element to Decimal 8677521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

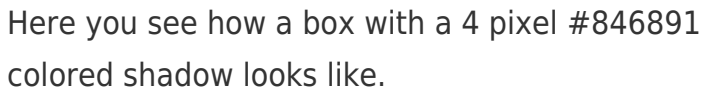
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846891 }
```

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

```
.border{ border-color:#846891 }
```

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



Here you see how a box with a 4 pixel #846891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846891; -webkit-box-shadow:4px 4px  
4px 4px #846891; box-shadow:4px 4px 4px  
4px #846891 }
```

# Background

The CSS property to change the background color of an element to Decimal 8677521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846891 }
```

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

```
.background{ background-color:#846891 }
```

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