

# Converting Colors

Decimal(8675992)

Have a look what the booklet for  
Decimal(8675992) contains.

<b>Decimal(8675992)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(8675992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846298
RGB	132, 98, 152
RGB Percent	52%, 38%, 60%
CMY	0.4824, 0.6157, 0.4039
CMYK	0.13, 0.36, 0.00, 0.40
HSL	278°, 22%, 49%
HSV	278°, 36%, 60%
XYZ	19.5509, 15.9079, 31.7458
YIQ	114.3220, 2.9300, 24.0020

# Conversions

## Conversions Part 2

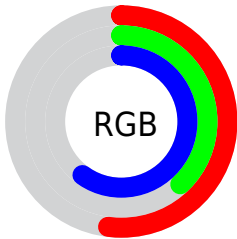
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 98, 152
Decimal	8675992
CIE <sub>Lab</sub>	46.85, 24.23, -24.25
CIE <sub>LCh</sub>	47, 34.283, 314.978
Yxy	15.9079, 0.2909, 0.2367
Android (android.graphics.Color)	4286866072 (0xFF846298)
YUV	114.3220, 18.5753, 15.5036
Hunter-Lab	39.8847, 17.6999, -19.2720

# Details

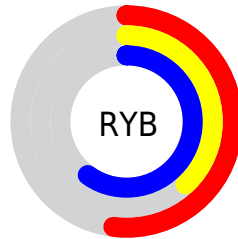
The Decimal color **8675992** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7772258**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **12228046**, and **5321573** is the 20% darker color. If you saturate the color by 10%, you get **8278936**, and if you desaturate by 10%, it is **9073048**.

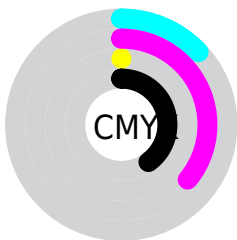
# Distribution



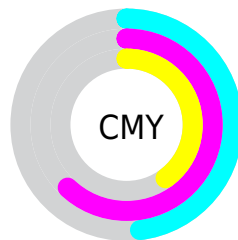
- Red (52%)
- Green (38%)
- Blue (60%)



- Red (52%)
- Yellow (38%)
- Blue (60%)



- Cyan (13%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (62%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8675992 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 8675992 by changing the saturation by 10% instead.





8675992



8675992

16777215



6965886



12228046



5321573



14069995



3743053



15912191



2230070



16771327



327712



4



0



8675992



8675992



8278936



9073048

7947416

9404568

7550104

9801880

7153048

10198936

6821528

10530456

6424472

10927512

6291608

11259032

11656344

12053400

# Harmonies

## Analogous

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



5926311



8675992



10312063

# Triad

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



8675992



9267255



32381

# Complementary

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



8675992



7772258

# 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.



2587999



8675992



7565878

# Square

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



8675992



10444360



5404997



31895

# Rectangle

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



8675992



10835819



5404997



32371



# Sweetspot

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



8675992



12365764



6453144



6248291



14935011



6513507



# Same Dimension

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



8675992



10842308



9986706



4867405



5767308



524301



# Inverse Universe

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



9986678



12873871



6461544



5064008



9175092

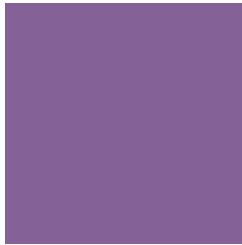


851973



# Previews

## White Background



This preview shows how the Decimal color 8675992 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 8675992 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 8675992 Background



This preview shows how black text looks on a background with the Decimal color 8675992.



This preview shows how white text looks on a background with the Decimal color 8675992.

# 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**  
8284786

# Trichromacy



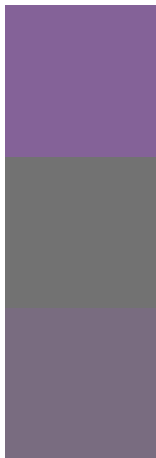
**Original Color**  
8675992

**Protanomaly**  
7105182

**Deuteranomaly**  
7367319

**Tritanomaly**  
8415104

# Monochromacy



**Original Color**  
8675992

**Achromatopsia**  
7500402

**Achromatomaly**  
7957632

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8675992 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 #846298 looks like.

```
.text, #text, p{  
    color:#846298  
}
```

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 #846298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846298
}
```

## Border

The CSS property to change the border of an element to Decimal 8675992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

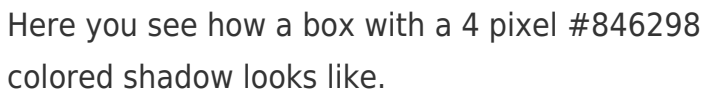
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846298 }
```

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

```
.border{ border-color:#846298 }
```

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



Here you see how a box with a 4 pixel #846298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846298; -webkit-box-shadow:4px 4px  
4px 4px #846298; box-shadow:4px 4px 4px  
4px #846298 }
```

# Background

The CSS property to change the background color of an element to Decimal 8675992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846298 }
```

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

```
.background{ background-color:#846298 }
```

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