

# Converting Colors

Decimal(6897013)

Have a look what the booklet for  
Decimal(6897013) contains.

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# Color

**Decimal(6897013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693D75
RGB	105, 61, 117
RGB Percent	41%, 24%, 46%
CMY	0.5882, 0.7608, 0.5412
CMYK	0.10, 0.48, 0.00, 0.54
HSL	287°, 31%, 35%
HSV	287°, 48%, 46%
XYZ	10.7053, 7.6251, 17.7372
YIQ	80.5400, 8.2480, 26.7440

# Conversions

## Conversions Part 2

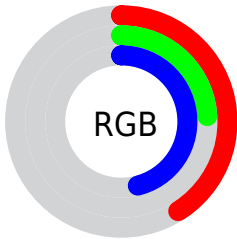
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 61, 117
Decimal	6897013
CIE <sub>Lab</sub>	33.19, 29.44, -24.42
CIE <sub>LCh</sub>	33, 38.251, 320.328
Yxy	7.6251, 0.2968, 0.2114
Android (android.graphics.Color)	4285087093 (0xFF693D75)
YUV	80.5400, 17.9748, 21.4514
Hunter-Lab	27.6136, 20.8777, -18.7546

# Details

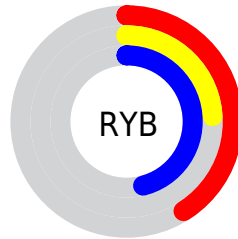
The Decimal color **6897013** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4814141**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **10317481**, and **3673924** is the 20% darker color. If you saturate the color by 10%, you get **6697333**, and if you desaturate by 10%, it is **7096693**.

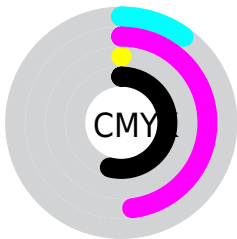
# Distribution



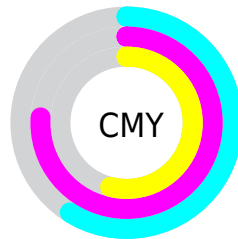
- Red (41%)
- Green (24%)
- Blue (46%)



- Red (41%)
- Yellow (24%)
- Blue (46%)



- Cyan (10%)
- Magenta (48%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (76%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6897013 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 6897013 by changing the saturation by 10% instead.



6897013

6897013

16777215

5252700

10317481

3673924

12159173

2293806

14000865

280

15908350

0

16767487

16774911

6897013

6897013

6697333

7096693

6563445

7230581

6363765

7430261

6229621

7564405

6030197

7764085

6029429

7897973

8097653

8231797

8431221

# Harmonies

## Analogous

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



3951239



6897013



8401753

# Triad

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



6897013



6703373



23650

# Complementary

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



6897013



4814141

# 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.



23619



6897013



4870927

# Square

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



6897013



8076576



2382117



23164

# Rectangle

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



6897013



8728901



2382117



23896



# Sweetspot

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



6897013



9733273



4016501



4865869



13421772



5066061



# Same Dimension

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



6897013



8798873



7683429



3749179



6291578



12845306



# Inverse Universe

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



7683401



10043988



4027725



3880246



7995418

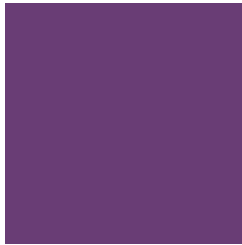


16384054



# Previews

## White Background



This preview shows how the Decimal color 6897013 looks on a white background.

## Color Contrast Check

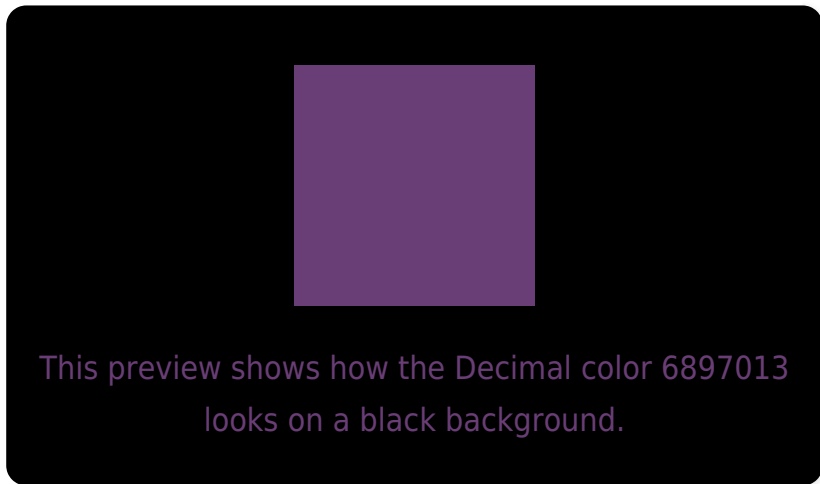
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

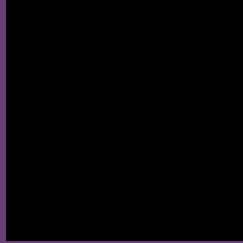
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6897013 Background



This preview shows how black text looks on a background with the Decimal color 6897013.

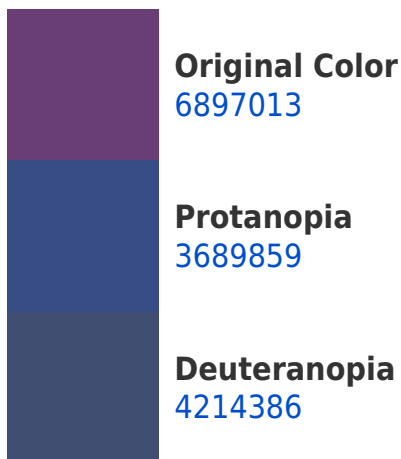



This preview shows how white text looks on a background with the Decimal color 6897013.

# 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**  
6506316

# Trichromacy



**Original Color**  
6897013

**Protanomaly**  
4867966

**Deuteranomaly**  
5195891

**Tritanomaly**  
6636379

# Monochromacy



**Original Color**  
6897013

**Achromatopsia**  
5329233

**Achromatomaly**  
5917278

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6897013 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 #693D75 looks like.

```
.text, #text, p{  
    color:#693D75  
}
```

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 #693D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693D75
}
```

## Border

The CSS property to change the border of an element to Decimal 6897013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

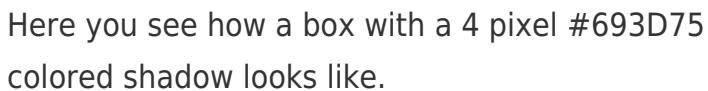
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693D75 }
```

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

```
.border{ border-color:#693D75 }
```

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



Here you see how a box with a 4 pixel #693D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693D75; -webkit-box-shadow:4px 4px  
4px 4px #693D75; box-shadow:4px 4px 4px  
4px #693D75 }
```

# Background

The CSS property to change the background color of an element to Decimal 6897013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693D75 }
```

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

```
.background{ background-color:#693D75 }
```

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](#).



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