

# Converting Colors

Decimal(8017537)

Have a look what the booklet for  
Decimal(8017537) contains.

<b>Decimal(8017537)</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(8017537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A5681
RGB	122, 86, 129
RGB Percent	48%, 34%, 51%
CMY	0.5216, 0.6627, 0.4941
CMYK	0.05, 0.33, 0.00, 0.49
HSL	290°, 20%, 42%
HSV	290°, 33%, 51%
XYZ	15.3163, 12.3781, 22.3508
YIQ	101.6660, 7.6530, 21.0050

# Conversions

## Conversions Part 2

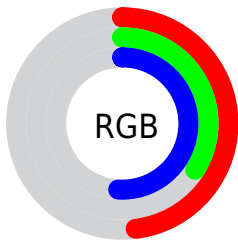
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 86, 129
Decimal	8017537
CIE <sub>Lab</sub>	41.81, 22.90, -18.31
CIE <sub>LCh</sub>	42, 29.319, 321.365
Yxy	12.3781, 0.3060, 0.2473
Android (android.graphics.Color)	4286207617 (0xFF7A5681)
YUV	101.6660, 13.4757, 17.8329
Hunter-Lab	35.1826, 16.1382, -13.0381

# Details

The Decimal color **8017537** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6127958**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **11503798**, and **4728912** is the 20% darker color. If you saturate the color by 10%, you get **7883137**, and if you desaturate by 10%, it is **8151937**.

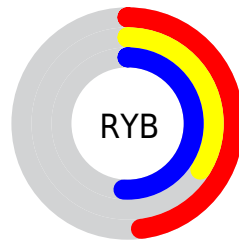
# Distribution



Red (48%)

Green (34%)

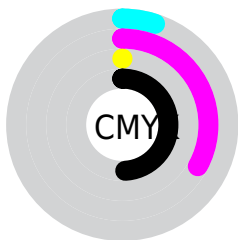
Blue (51%)



Red (48%)

Yellow (34%)

Blue (51%)

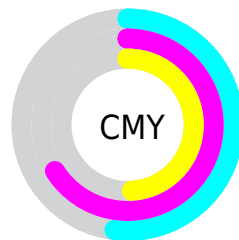


Cyan (5%)

Magenta (33%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (66%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8017537 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 8017537 by changing the saturation by 10% instead.



8017537

8017537

16777215

6372968

11503798

4728912

13345746

3215929

15187694

1966115

16767743

10

16774911

0

8017537

8017537

7883137

8151937

7748737

8286337

7614337

8420737

7479937

8555137

7280257

8755073

7145857

8889217

7078017

9023617

9158017

9292417

# Harmonies

## Analogous

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



5922703



8017537



9195627

# Triad

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



8017537



7888690



28531

# Complementary

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



8017537



6127958

# 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.



2125659



8017537



6383413

# Square

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



8017537



9000510



4549700



28040

# Rectangle

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



8017537



9523034



4549700



28523



# Sweetspot

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



8017537



10917800



5660033



5458516



13948116



5526612



# Same Dimension

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



8017537



10315176



8476275



4143424



7012480



0



# Inverse Universe

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



8476253



11036016



5669220



4208954



8388629

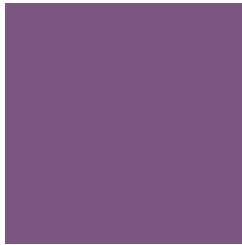


0



# Previews

## White Background



This preview shows how the Decimal color 8017537 looks on a white background.

## Color Contrast Check

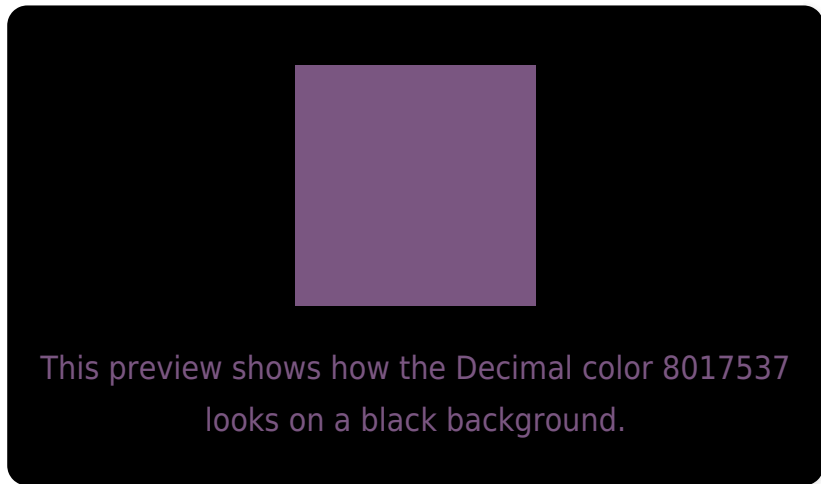
Large Text (above 18pt) WCAG AA ✓ Pass

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

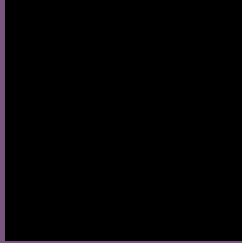
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8017537 Background



This preview shows how black text looks on a background with the Decimal color 8017537.




This preview shows how white text looks on a background with the Decimal color 8017537.

# 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**  
7756899

# Trichromacy



**Original Color**  
8017537

**Protanomaly**  
6577799

**Deuteranomaly**  
6839680

**Tritanomaly**  
7821934

# Monochromacy



**Original Color**  
8017537

**Achromatopsia**  
6710886

**Achromatomaly**  
7168112

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8017537 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 #7A5681 looks like.

```
.text, #text, p{  
    color:#7A5681  
}
```

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 #7A5681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5681
}
```

## Border

The CSS property to change the border of an element to Decimal 8017537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

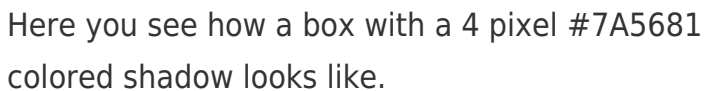
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5681 }
```

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

```
.border{ border-color:#7A5681 }
```

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



Here you see how a box with a 4 pixel #7A5681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5681; -webkit-box-shadow:4px 4px  
4px 4px #7A5681; box-shadow:4px 4px 4px  
4px #7A5681 }
```

# Background

The CSS property to change the background color of an element to Decimal 8017537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5681 }
```

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

```
.background{ background-color:#7A5681 }
```

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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