

# Converting Colors

Decimal(6838389)

Have a look what the booklet for  
Decimal(6838389) contains.

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# Color

**Decimal(6838389)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685875
RGB	104, 88, 117
RGB Percent	41%, 35%, 46%
CMY	0.5922, 0.6549, 0.5412
CMYK	0.11, 0.25, 0.00, 0.54
HSL	273°, 14%, 40%
HSV	273°, 25%, 46%
XYZ	12.4095, 11.2069, 18.3387
YIQ	96.0900, 0.2270, 12.4110

# Conversions

## Conversions Part 2

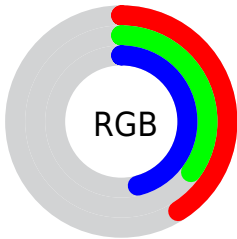
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 88, 117
Decimal	6838389
CIE <sub>Lab</sub>	39.93, 12.59, -14.02
CIE <sub>LCh</sub>	40, 18.847, 311.916
Yxy	11.2069, 0.2958, 0.2671
Android (android.graphics.Color)	4285028469 (0xFF685875)
YUV	96.0900, 10.3086, 6.9371
Hunter-Lab	33.4766, 7.5844, -9.0458

# Details

The Decimal color **6838389** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6649176**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **10193577**, and **3746373** is the 20% darker color. If you saturate the color by 10%, you get **6507637**, and if you desaturate by 10%, it is **7169141**.

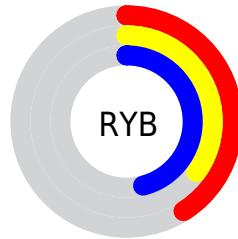
# Distribution



 Red (41%)

 Green (35%)

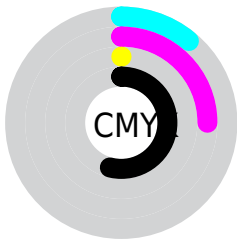
 Blue (46%)



 Red (41%)

 Yellow (35%)

 Blue (46%)

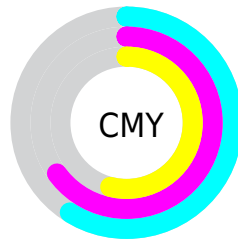


 Cyan (11%)

 Magenta (25%)

 Yellow (0%)

 Black (54%)



 Cyan (59%)

 Magenta (65%)

 Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6838389 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 6838389 by changing the saturation by 10% instead.



6838389

6838389

16777215

5259612

10193577

3746373

11969732

2299438

13811680

983066

15653885

0

16775423

6838389

6838389

6507637

7169141

6177141

7499637

■ 5780853

■ 7895925

■ 5450101

■ 8226677

■ 5119349

■ 8557429

■ 4788853

■ 8887925

■ 4392565

■ 9284213

■ 4259957

■ 9614965

■ 9945461

# Harmonies

## Analogous

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



5463420



6838389



7820392

# Triad

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



6838389



7428673



3237732

# Complementary

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



6838389



6649176

# 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.



4220500



6838389



6512448

# Square

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



6838389



8082762



5399367



3106162

# Rectangle

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



6838389



8147806



5399367



3499871



# Sweetspot

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



6838389



9735833



5793141



4867661



13421772



5066061



# Same Dimension

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



6838389



8678297



7690356



3683643



4456570



9044218



# Inverse Universe

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



7690341



10054528



5797209



3880247



7995447

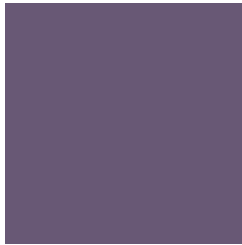


16384112



# Previews

## White Background



This preview shows how the Decimal color 6838389 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 6838389 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

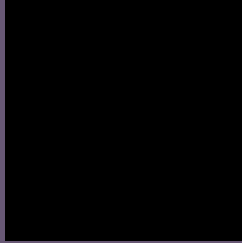
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6838389 Background



This preview shows how black text looks on a background with the Decimal color 6838389.



This preview shows how white text looks on a background with the Decimal color 6838389.

# 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](#).

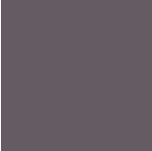
## Dichromacy



**Original Color**  
6838389

**Protanopia**  
5725561

**Deuteranopia**  
6052980



**Tritanopia**  
6642531

# Trichromacy



**Original Color**  
6838389

**Protanomaly**  
6118264

**Deuteranomaly**  
6314868

**Tritanomaly**  
6707818

# Monochromacy



**Original Color**  
6838389

**Achromatopsia**  
6316128

**Achromatomaly**  
6511976

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6838389 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 #685875 looks like.

```
.text, #text, p{  
  color:#685875  
}
```

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 #685875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685875
}
```

## Border

The CSS property to change the border of an element to Decimal 6838389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

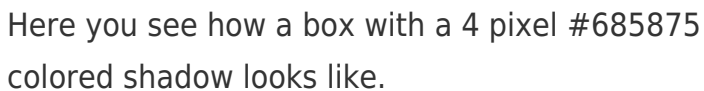
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685875 }
```

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

```
.border{ border-color:#685875 }
```

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



Here you see how a box with a 4 pixel #685875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685875; -webkit-box-shadow:4px 4px  
4px 4px #685875; box-shadow:4px 4px 4px  
4px #685875 }
```

# Background

The CSS property to change the background color of an element to Decimal 6838389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685875 }
```

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

```
.background{ background-color:#685875 }
```

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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