

# Converting Colors

Decimal(6835041)

Have a look what the booklet for  
Decimal(6835041) contains.

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# Color

**Decimal(6835041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684B61
RGB	104, 75, 97
RGB Percent	41%, 29%, 38%
CMY	0.5922, 0.7059, 0.6196
CMYK	0.00, 0.28, 0.07, 0.59
HSL	314°, 16%, 35%
HSV	314°, 28%, 41%
XYZ	10.3827, 8.8383, 12.4680
YIQ	86.1790, 10.2220, 12.9900

# Conversions

## Conversions Part 2

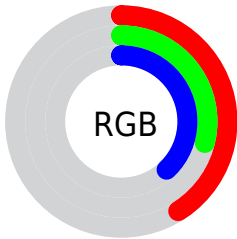
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 75, 97
Decimal	6835041
CIE <sub>Lab</sub>	35.67, 16.30, -8.03
CIE <sub>LCh</sub>	36, 18.168, 333.762
Yxy	8.8383, 0.3276, 0.2789
Android (android.graphics.Color)	4285025121 (0xFF684B61)
YUV	86.1790, 5.3348, 15.6290
Hunter-Lab	29.7292, 10.3133, -4.0549




# Details

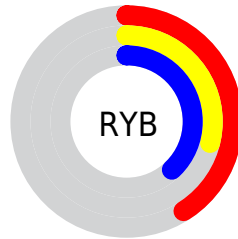
The Decimal color **6835041** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4941906**, and the grayscale version is **5658198**.




A 20% lighter version of the original color is **10255508**, and **3677747** is the 20% darker color. If you saturate the color by 10%, you get **6832478**, and if you desaturate by 10%, it is **6837604**.

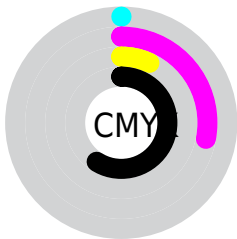
# Distribution







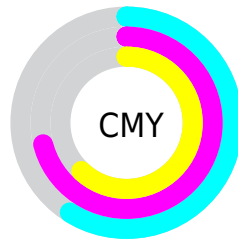
-  Red (41%)
-  Green (29%)
-  Blue (38%)






-  Red (41%)
-  Yellow (29%)
-  Blue (38%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (7%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (71%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6835041 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 6835041 by changing the saturation by 10% instead.





6835041



6835041

16777215



5256265



10255508



3677747



12031662



2295838



13808074



1



15715558



0



16771583



6835041



6835041



6832478



6837604



6829660



6840422

6827097

6842985

6824279

6845803

6821716

6848366

6819154

6850928

6816335

6853747

6815823

6856309

6859128

# Harmonies

## Analogous

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



5787756



6835041



7358803

# Triad

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



6835041



6050871



2448228

# Complementary

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



6835041



4941906

# 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.



2907221



6835041



5068859

# Square

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



6835041



6901562



3955527



3103086

# Rectangle

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



6835041



7424585



3955527



2514015



# Sweetspot

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



6835041



8879237



5393256



4537923



12895428



4539717



# Same Dimension

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



6835041



8870780



6835027



3354162



7536727



15859896



# Inverse Universe

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



6835041



8870780



4941920



3354162



7536727

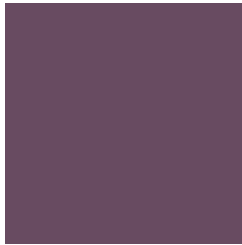


15859896



# Previews

## White Background



This preview shows how the Decimal color 6835041 looks on a white background.

## Color Contrast Check

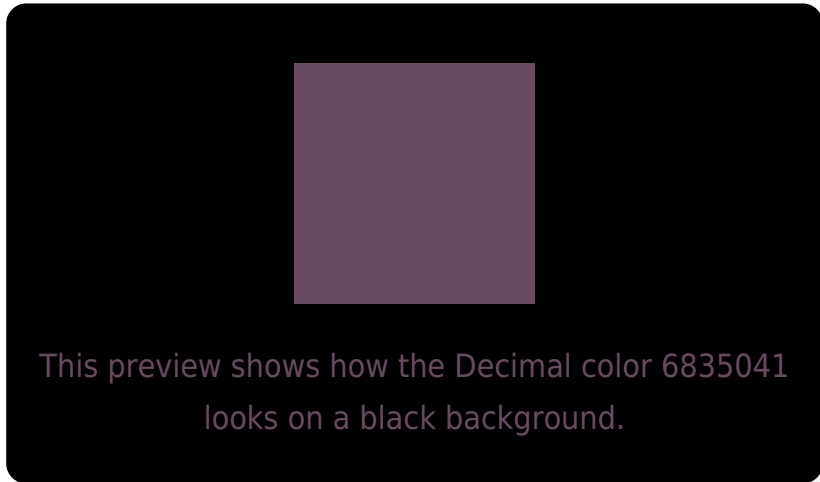
Large Text (above 18pt) WCAG AA ✓ Pass

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

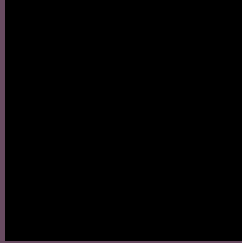
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6835041 Background



This preview shows how black text looks on a background with the Decimal color 6835041.



This preview shows how white text looks on a background with the Decimal color 6835041.

# 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**  
6835041

**Protanopia**  
5264231

**Deuteranopia**  
5722720



# Trichromacy



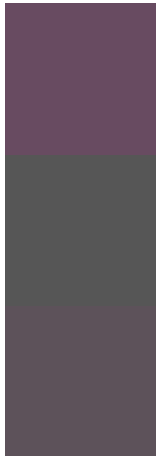
**Original Color**  
6835041

**Protanomaly**  
5853285

**Deuteranomaly**  
6115168

**Tritanomaly**  
6769752

# Monochromacy



**Original Color**  
6835041

**Achromatopsia**  
5658198

**Achromatomaly**  
6115930

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6835041 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 #684B61 looks like.

```
.text, #text, p{  
  color:#684B61  
}
```

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 #684B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684B61  
}
```

## Border

The CSS property to change the border of an element to Decimal 6835041 is called "border". The border property can be set on classes, ids or directly on the HTML element.

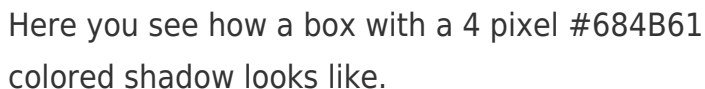
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#684B61 }
```

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

```
.border{ border-color:#684B61 }
```

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



Here you see how a box with a 4 pixel #684B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684B61; -webkit-box-shadow:4px 4px  
4px 4px #684B61; box-shadow:4px 4px 4px  
4px #684B61 }
```

# Background

The CSS property to change the background color of an element to Decimal 6835041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684B61 }
```

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

```
.background{ background-color:#684B61 }
```

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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