

# Converting Colors

Decimal(6835311)

Have a look what the booklet for  
Decimal(6835311) contains.

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# Color

**Decimal(6835311)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684C6F
RGB	104, 76, 111
RGB Percent	41%, 30%, 44%
CMY	0.5922, 0.7020, 0.5647
CMYK	0.06, 0.32, 0.00, 0.56
HSL	288°, 19%, 37%
HSV	288°, 32%, 44%
XYZ	11.1626, 9.2596, 16.2379
YIQ	88.3620, 5.4530, 16.8210

# Conversions

## Conversions Part 2

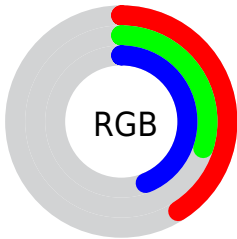
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 76, 111
Decimal	6835311
CIE <sub>Lab</sub>	36.48, 18.65, -15.58
CIE <sub>LCh</sub>	36, 24.302, 320.131
Yxy	9.2596, 0.3045, 0.2526
Android (android.graphics.Color)	4285025391 (0xFF684C6F)
YUV	88.3620, 11.1605, 13.7145
Hunter-Lab	30.4297, 12.2278, -10.3376

# Details

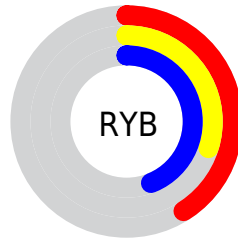
The Decimal color **6835311** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5467980**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **10255779**, and **3678015** is the 20% darker color. If you saturate the color by 10%, you get **6701423**, and if you desaturate by 10%, it is **6969199**.

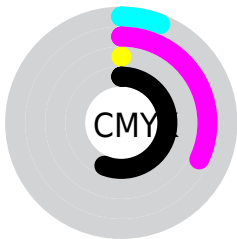
# Distribution



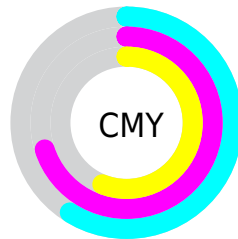
- Red (41%)
- Green (30%)
- Blue (44%)



- Red (41%)
- Yellow (30%)
- Blue (44%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (70%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6835311 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 6835311 by changing the saturation by 10% instead.





6835311



6835311

16777215



5256535



10255779



3678015



12031934



2230825



13808346



20



15716086



0



16771839



6835311



6835311



6701423



6969199



6567535



7103087

6368111

7302511

6234223

7436399

6100335

7570543

5966191

7704431

5832815

7903855

8037743

8171631

# Harmonies

## Analogous

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



5133178



6835311



7817053

# Triad

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



6835311



6836783



24675

# Complementary

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



6835311



5467980

# 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.



2383950



6835311



5593392

# Square

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



6835311



7752761



4152636



24179

# Rectangle

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



6835311



8078928



4152636



876636



# Sweetspot

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



6835311



9405585



5002095



4735562



13224393



4868682



# Same Dimension

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



6835311



8805009



7294053



3617336



6291576



12976375



# Inverse Universe

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



7294035



9525861



5009239



3682868



7864344

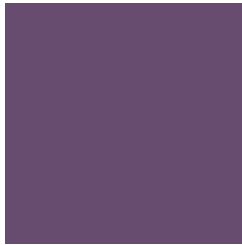


16187441



# Previews

## White Background



This preview shows how the Decimal color 6835311 looks on a white background.

## Color Contrast Check

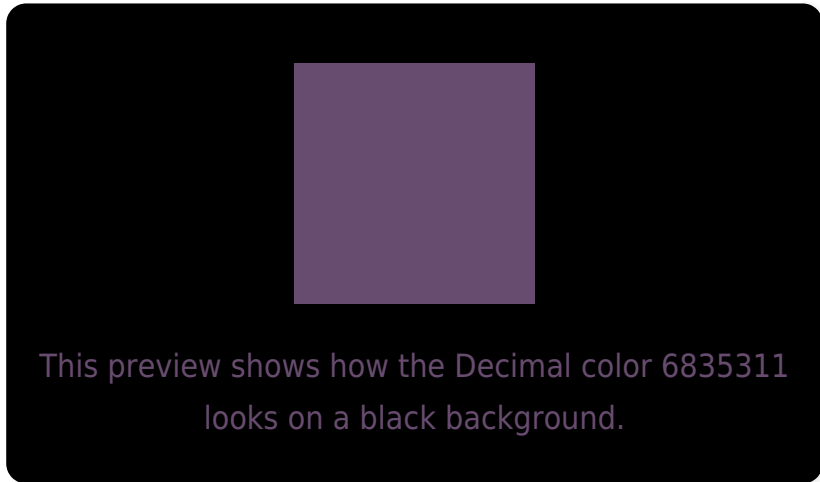
Large Text (above 18pt) WCAG AA ✓ Pass

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

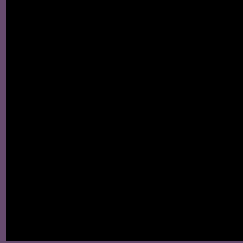
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6835311 Background



This preview shows how black text looks on a background with the Decimal color 6835311.

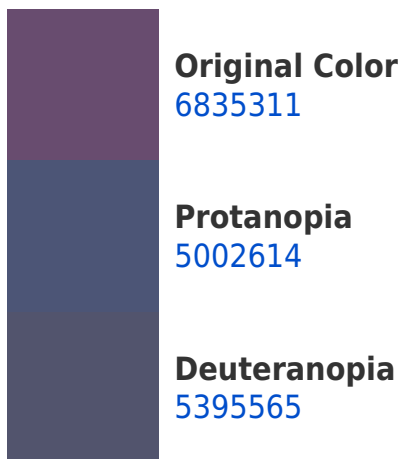



This preview shows how white text looks on a background with the Decimal color 6835311.

# 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**  
6639959

# Trichromacy



**Original Color**  
6835311

**Protanomaly**  
5657203

**Deuteranomaly**  
5919086

**Tritanomaly**  
6704992

# Monochromacy



**Original Color**  
6835311

**Achromatopsia**  
5789784

**Achromatomaly**  
6181984

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6835311 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 #684C6F looks like.

```
.text, #text, p{  
    color:#684C6F  
}
```

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 #684C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C6F
}
```

## Border

The CSS property to change the border of an element to Decimal 6835311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

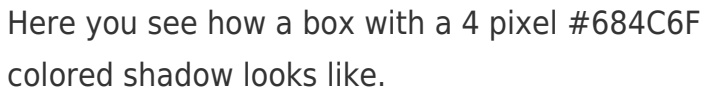
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C6F }
```

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

```
.border{ border-color:#684C6F }
```

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



Here you see how a box with a 4 pixel #684C6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C6F; -webkit-box-shadow:4px 4px  
4px 4px #684C6F; box-shadow:4px 4px 4px  
4px #684C6F }
```

# Background

The CSS property to change the background color of an element to Decimal 6835311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C6F }
```

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

```
.background{ background-color:#684C6F }
```

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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