

# Converting Colors

Decimal(6838361)

Have a look what the booklet for  
Decimal(6838361) contains.

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# Color

**Decimal(6838361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685859
RGB	104, 88, 89
RGB Percent	41%, 35%, 35%
CMY	0.5922, 0.6549, 0.6510
CMYK	0.00, 0.15, 0.14, 0.59
HSL	356°, 8%, 38%
HSV	356°, 15%, 41%
XYZ	11.0018, 10.6438, 10.9258
YIQ	92.8980, 9.2150, 3.7030

# Conversions

## Conversions Part 2

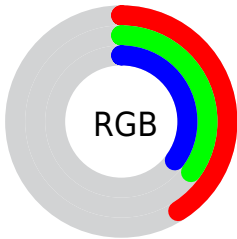
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 88, 89
Decimal	6838361
CIE Lab	38.97, 6.72, 1.84
CIE LCh	39, 6.968, 15.349
Yxy	10.6438, 0.3378, 0.3268
Android (android.graphics.Color)	4285028441 (0xFF685859)
YUV	92.8980, -1.9217, 9.7365
Hunter-Lab	32.6248, 3.1008, 2.9816

# Details

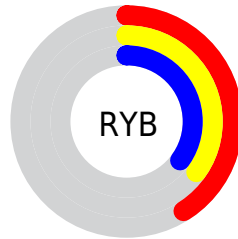
The Decimal color **6838361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5793895**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **10193547**, and **3746604** is the 20% darker color. If you saturate the color by 10%, you get **6835791**, and if you desaturate by 10%, it is **6840931**.

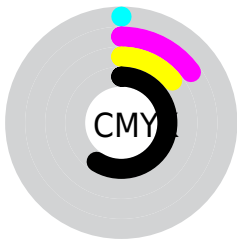
# Distribution



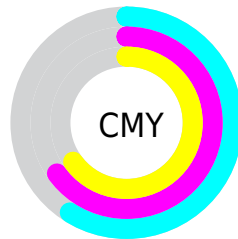
- Red (41%)
- Green (35%)
- Blue (35%)



- Red (41%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6838361 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 6838361 by changing the saturation by 10% instead.





6838361



6838361

16777215



5259586



10193547



3746604



11969701



2299415



13811648



393216



15653852



0



16775417



6838361



6838361



6835791



6840931



6832966



6843757

■ 6830396

■ 6846326

■ 6827570

■ 6849152

■ 6825000

■ 6851722

■ 6822431

■ 6854292

■ 6819605

■ 6857117

■ 6817035

■ 6859687

■ 6815751

■ 6862513

# Harmonies

## Analogous

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



6707295



6838361



6773076

# Triad

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



6838361



5725780



5463399

# Complementary

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



6838361



5793895

# 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.



5136228



6838361



5332825

# Square

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



6838361



6118481



5136223



5856103

# Rectangle

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



6838361



6642258



5136223



5332582



# Sweetspot

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



6838361



8880257



6772840



4538689



12895428



4539717



# Same Dimension

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



6838361



8875888



6840152



3354158



7536647



15859727



# Inverse Universe

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



6838361



8875888



5792104



3354158



7536647



15859727



# Previews

## White Background



This preview shows how the Decimal color 6838361 looks on a white background.

## Color Contrast Check

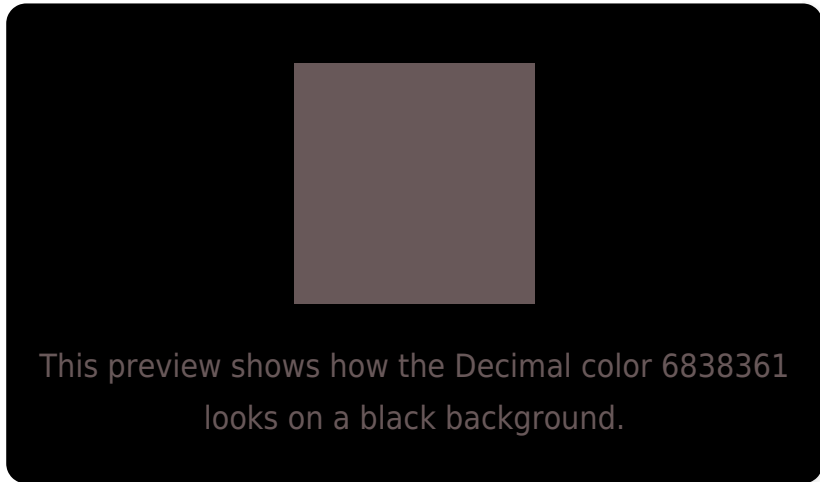
Large Text (above 18pt) WCAG AA ✓ Pass

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

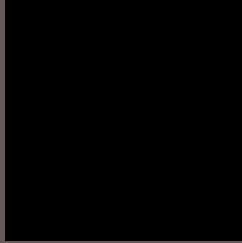
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6838361 Background



This preview shows how black text looks on a background with the Decimal color 6838361.

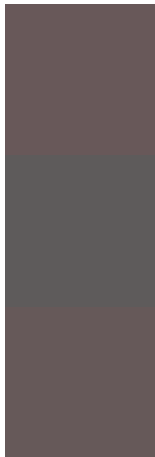


This preview shows how white text looks on a background with the Decimal color 6838361.

# 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**  
6838361

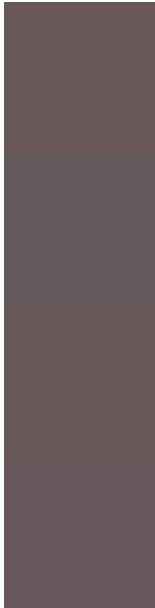
**Protanopia**  
6183771

**Deuteranopia**  
6707545



**Tritanopia**  
6903646

# Trichromacy



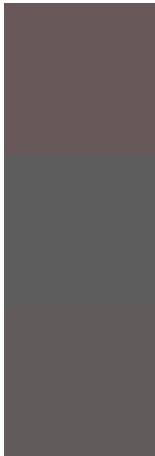
**Original Color**  
6838361

**Protanomaly**  
6445658

**Deuteranomaly**  
6773081

**Tritanomaly**  
6903644

# Monochromacy



**Original Color**  
6838361

**Achromatopsia**  
6118749

**Achromatomaly**  
6380380

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6838361 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 #685859 looks like.

```
.text, #text, p{  
  color:#685859  
}
```

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 #685859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685859
}
```

## Border

The CSS property to change the border of an element to Decimal 6838361 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".

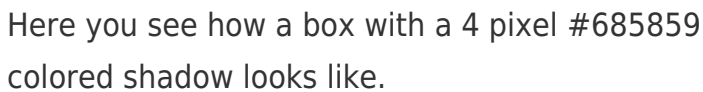
```
.border, #border, table{ border:4px solid
#685859 }
```

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

```
.border{ border-color:#685859 }
```

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

Here you see how a box with a 4 pixel #685859 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685859; -webkit-box-shadow:4px 4px  
4px 4px #685859; box-shadow:4px 4px 4px  
4px #685859 }
```

# Background

The CSS property to change the background color of an element to Decimal 6838361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685859 }
```

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

```
.background{ background-color:#685859 }
```

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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