

# Converting Colors

Decimal(6836567)

Have a look what the booklet for  
Decimal(6836567) contains.

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**Color**

**Decimal(6836567)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685157
RGB	104, 81, 87
RGB Percent	41%, 32%, 34%
CMY	0.5922, 0.6824, 0.6588
CMYK	0.00, 0.22, 0.16, 0.59
HSL	344°, 12%, 36%
HSV	344°, 22%, 41%
XYZ	10.3716, 9.5160, 10.3070
YIQ	88.5610, 11.7820, 6.7420

# Conversions

## Conversions Part 2

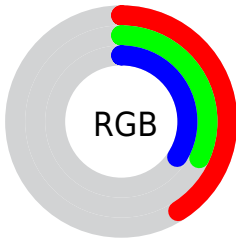
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 81, 87
Decimal	6836567
CIELab	36.96, 10.66, 0.16
CIELCh	37, 10.659, 0.860
Yxy	9.5160, 0.3435, 0.3152
Android (android.graphics.Color)	4285026647 (0xFF685157)
YUV	88.5610, -0.7696, 13.5400
Hunter-Lab	30.8481, 6.0306, 1.7837

# Details

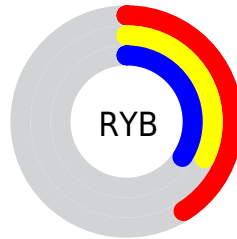
The Decimal color **6836567** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5335138**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **10191497**, and **3679274** is the 20% darker color. If you saturate the color by 10%, you get **6833999**, and if you desaturate by 10%, it is **6839135**.

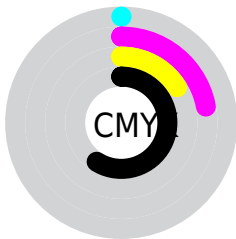
# Distribution



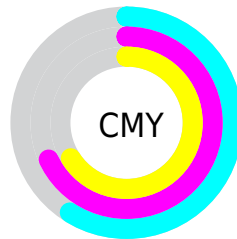
- Red (41%)
- Green (32%)
- Blue (34%)



- Red (41%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (59%)



- Cyan (59%)
- Magenta (68%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6836567 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 6836567 by changing the saturation by 10% instead.





6836567



6836567

16777215



5257792



10191497



3679274



11967651



2297877



13809598



0



15717338



16773110



6836567



6836567



6833999



6839135



6831176



6841958

6828608

6844526

6825784

6847350

6823217

6849917

6820649

6852485

6817825

6855309

6815771

6857876

6860700

# Harmonies

## Analogous

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



6443615



6836567



6902351

# Triad

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



6836567



5527880



4479590

# Complementary

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



6836567



5335138

# 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.



4217951



6836567



4873038

# Square

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



6836567



6116934



4414551



5134440

# Rectangle

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



6836567



6771530



4414551



4348772



# Sweetspot

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



6836567



8879744



6443368



4538177



12895428



4539717



# Same Dimension

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



6836567



8872812



6837841



3354159



7536670



15859775



# Inverse Universe

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



6836567



8872812



5333864



3354159



7536670

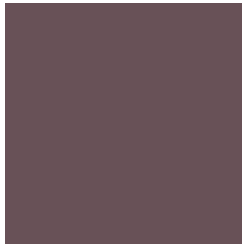


15859775



# Previews

## White Background



This preview shows how the Decimal color 6836567 looks on a white background.

## Color Contrast Check

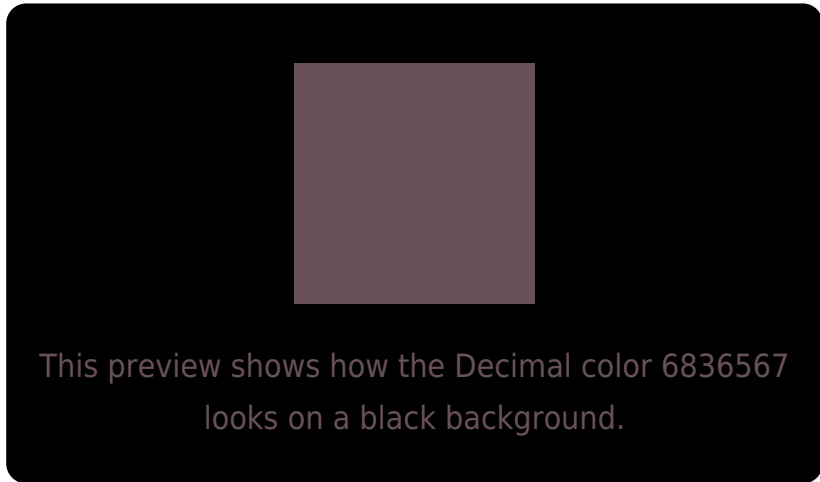
Large Text (above 18pt) WCAG AA ✓ Pass

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 6836567 Background



This preview shows how black text looks on a background with the Decimal color 6836567.



This preview shows how white text looks on a background with the Decimal color 6836567.

# 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**  
6836567

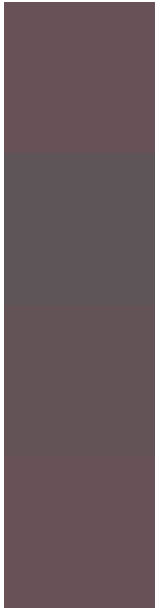
**Protanopia**  
5789530

**Deuteranopia**  
6313046



**Tritanopia**  
6836567

# Trichromacy



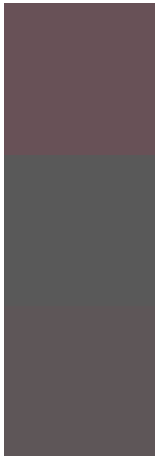
**Original Color**  
6836567

**Protanomaly**  
6182233

**Deuteranomaly**  
6509398

**Tritanomaly**  
6836567

# Monochromacy



**Original Color**  
6836567

**Achromatopsia**  
5855577

**Achromatomaly**  
6182488

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6836567 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 #685157 looks like.

```
.text, #text, p{  
    color:#685157  
}
```

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 #685157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685157
}
```

## Border

The CSS property to change the border of an element to Decimal 6836567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

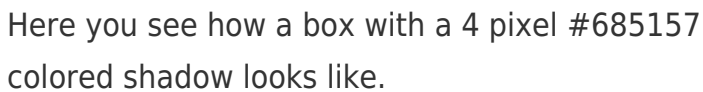
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685157 }
```

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

```
.border{ border-color:#685157 }
```

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



Here you see how a box with a 4 pixel #685157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685157; -webkit-box-shadow:4px 4px  
4px 4px #685157; box-shadow:4px 4px 4px  
4px #685157 }
```

# Background

The CSS property to change the background color of an element to Decimal 6836567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685157 }
```

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

```
.background{ background-color:#685157 }
```

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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