

# Converting Colors

Decimal(6840135)

Have a look what the booklet for  
Decimal(6840135) contains.

<b>Decimal(6840135)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6840135)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685F47
RGB	104, 95, 71
RGB Percent	41%, 37%, 28%
CMY	0.5922, 0.6275, 0.7216
CMYK	0.00, 0.09, 0.32, 0.59
HSL	44°, 19%, 34%
HSV	44°, 32%, 41%
XYZ	10.9385, 11.5824, 7.6203
YIQ	94.9550, 13.0680, -5.5560

# Conversions

## Conversions Part 2

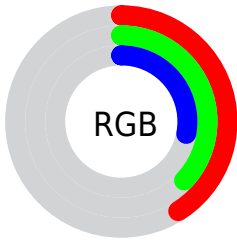
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 104, 71
Decimal	6840135
CIE <sub>Lab</sub>	40.54, -0.52, 15.07
CIE <sub>LCh</sub>	41, 15.079, 91.975
Yxy	11.5824, 0.3629, 0.3843
Android (android.graphics.Color)	4285030215 (0xFF685F47)
YUV	94.9550, -11.8098, 7.9325
Hunter-Lab	34.0329, -2.1863, 10.5474

# Details

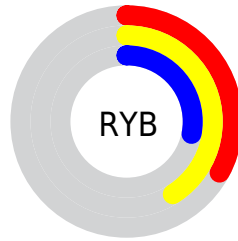
The Decimal color **6840135** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4673640**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **10260856**, and **3682587** is the 20% darker color. If you saturate the color by 10%, you get **6839357**, and if you desaturate by 10%, it is **6840913**.

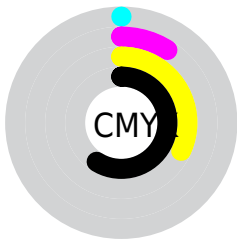
# Distribution



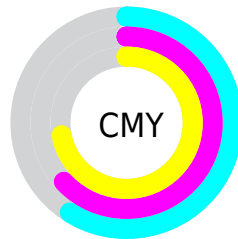
- Red (41%)
- Green (37%)
- Blue (28%)



- Red (33%)
- Yellow (41%)
- Blue (28%)



- Cyan (0%)
- Magenta (9%)
- Yellow (32%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6840135 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 6840135 by changing the saturation by 10% instead.





6840135



6840135

16777215



5261104



10260856



3682587



12037265



2300930



13813676



131584



15721415



0



16777187



6840135



6840135



6839357



6840913



6838578



6841692

■ 6837800

■ 6842470

■ 6837277

■ 6842993

■ 6836499

■ 6843771

■ 6835721

■ 6844549

■ 6835200

■ 6845328

■ 6846106

■ 6846885

# Harmonies

## Analogous

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



7560010



6840135



5989194

# Triad

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



6840135



3958380



7362667

# Complementary

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



6840135



4673640

# 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.



6511732



6840135



4416629

# Square

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



6840135



4286304



5398648



7886687

# Rectangle

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



6840135



5334352



5398648



7101039



# Sweetspot

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



6840135



8881018



6834000



4539197



12895428



4539717



# Same Dimension

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



6840135



8878420



6383687



3355182



7557888



15904768



# Inverse Universe

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



4673640



5530247



5130088



3026739



8051



17138



# Previews

## White Background



This preview shows how the Decimal color 6840135 looks on a white background.

## Color Contrast Check

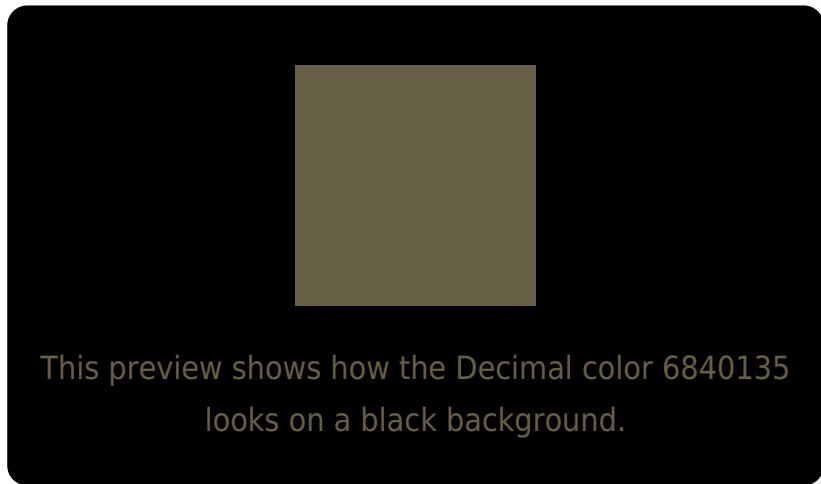
Large Text (above 18pt) WCAG AA ✓ Pass

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

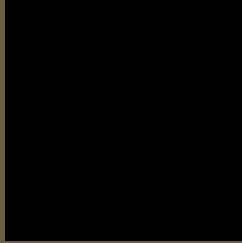
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6840135 Background



This preview shows how black text looks on a background with the Decimal color 6840135.

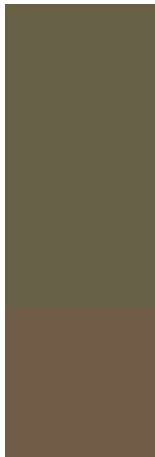


This preview shows how white text looks on a background with the Decimal color 6840135.

# 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**  
6840135

**Protanopia**  
6709319

**Deuteranopia**  
7429192



**Tritanopia**  
7035746

# Trichromacy



**Original Color**  
6840135

**Protanomaly**  
6774855

**Deuteranomaly**  
7232840

**Tritanomaly**  
6970456

# Monochromacy



**Original Color**  
6840135

**Achromatopsia**  
6250335

**Achromatomaly**  
6446934

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6840135 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 #685F47 looks like.

```
.text, #text, p{  
  color:#685F47  
}
```

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 #685F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685F47
}
```

## Border

The CSS property to change the border of an element to Decimal 6840135 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".

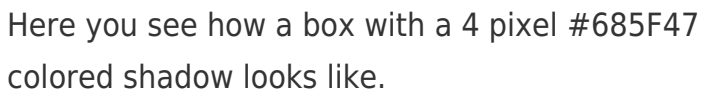
```
.border, #border, table{ border:4px solid
#685F47 }
```

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

```
.border{ border-color:#685F47 }
```

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

Here you see how a box with a 4 pixel #685F47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685F47; -webkit-box-shadow:4px 4px  
4px 4px #685F47; box-shadow:4px 4px 4px  
4px #685F47 }
```

# Background

The CSS property to change the background color of an element to Decimal 6840135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685F47 }
```

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

```
.background{ background-color:#685F47 }
```

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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