

# Converting Colors

Decimal(6847073)

Have a look what the booklet for  
Decimal(6847073) contains.

<b>Decimal(6847073)</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(6847073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	687A61
RGB	104, 122, 97
RGB Percent	41%, 48%, 38%
CMY	0.5922, 0.5216, 0.6196
CMYK	0.15, 0.00, 0.20, 0.52
HSL	103°, 11%, 43%
HSV	103°, 20%, 48%
XYZ	14.8261, 17.7252, 13.9491
YIQ	113.7680, -2.7030, -11.5910

# Conversions

## Conversions Part 2

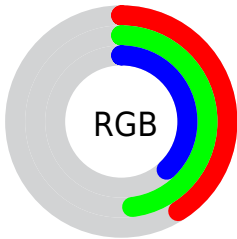
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 122, 115
Decimal	6847073
CIE <sub>Lab</sub>	49.16, -11.71, 11.52
CIE <sub>LCh</sub>	49, 16.432, 135.468
Yxy	17.7252, 0.3188, 0.3812
Android (android.graphics.Color)	4285037153 (0xFF687A61)
YUV	113.7680, -8.2666, -8.5665
Hunter-Lab	42.1013, -10.8179, 9.8267

# Details

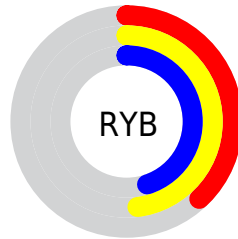
The Decimal color **6847073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7561594**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **10202772**, and **3754291** is the 20% darker color. If you saturate the color by 10%, you get **6257237**, and if you desaturate by 10%, it is **7436909**.

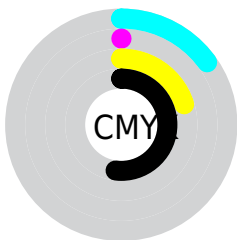
# Distribution



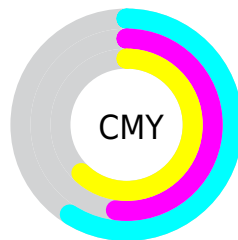
- Red (41%)
- Green (48%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6847073 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 6847073 by changing the saturation by 10% instead.





6847073



6847073

16777215



5267785



10202772



3754291



11979438



2306845



13821642



990725



15663078



0



6847073



6847073



6257237



7436909



5667401



8026745



5143100



8551046

■ 4553264

■ 9140882

■ 3963428

■ 9730718

■ 3373592

■ 10320554

■ 2849292

■ 10844854

■ 2259456

■ 11434691

■ 12024527

# Harmonies

## Analogous

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



7894618



6847073



5864557

# Triad

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



6847073



6060175



9595758

# Complementary

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



6847073



7561594

# 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.



9268348



6847073



7238799

# Square

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



6847073



5274504



8417160



9399650

# Rectangle

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



6847073



5340535



8417160



9530227



# Sweetspot

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



6847073



9936533



8024929



4935498



13619151



5197647



# Same Dimension

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



6847073



8560247



6388326



3751223



2325760



4717568



# Inverse Universe

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



7561594



9664414



8020341



3880765



5898365



11927804



# Previews

## White Background



This preview shows how the Decimal color 6847073 looks on a white background.

## Color Contrast Check

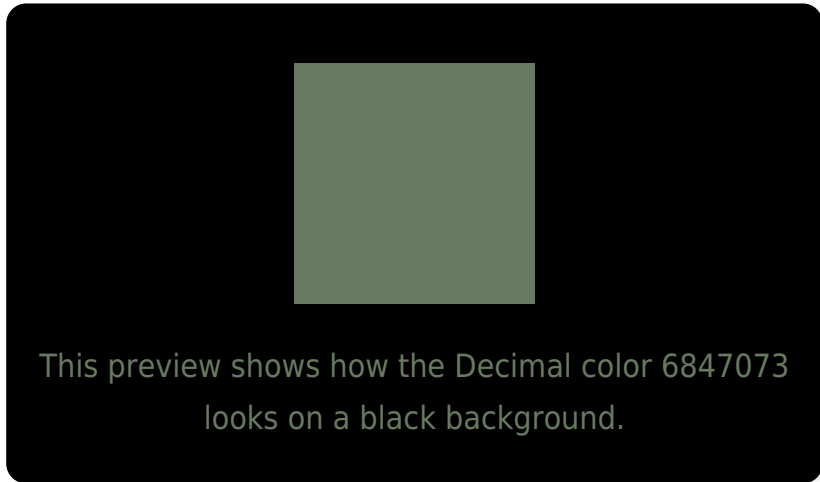
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

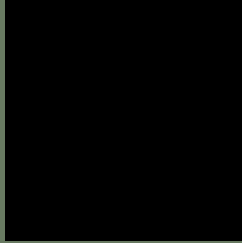
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6847073 Background



This preview shows how black text looks on a background with the Decimal color 6847073.



This preview shows how white text looks on a background with the Decimal color 6847073.

# 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**  
6847073

**Protanopia**  
8156254

**Deuteranopia**  
8810595



# Trichromacy



**Original Color**  
6847073

**Protanomaly**  
7698015

**Deuteranomaly**  
8090722

**Tritanomaly**  
7042932

# Monochromacy



**Original Color**  
6847073

**Achromatopsia**  
7500402

**Achromatomaly**  
7239020

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6847073 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 #687A61 looks like.

```
.text, #text, p{  
  color:#687A61  
}
```

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 #687A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687A61
}
```

## Border

The CSS property to change the border of an element to Decimal 6847073 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
#687A61 }
```

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

```
.border{ border-color:#687A61 }
```

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

Here you see how a box with a 4 pixel #687A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687A61; -webkit-box-shadow:4px 4px  
4px 4px #687A61; box-shadow:4px 4px 4px  
4px #687A61 }
```

# Background

The CSS property to change the background color of an element to Decimal 6847073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687A61 }
```

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

```
.background{ background-color:#687A61 }
```

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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