

Converting Colors

Decimal(6847049)

Have a look what the booklet for
Decimal(6847049) contains.

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Color

Decimal(6847049)

Conversions

Conversions Part 1

Format	Color
Hex	687A49
RGB	104, 122, 73
RGB Percent	41%, 48%, 29%
CMY	0.5922, 0.5216, 0.7137
CMYK	0.15, 0.00, 0.40, 0.52
HSL	82°, 25%, 38%
HSV	82°, 40%, 48%
XYZ	13.8711, 17.3432, 8.9198
YIQ	111.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

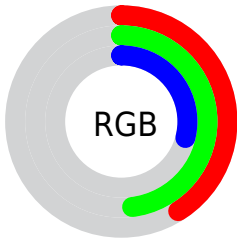
Format	Color
RYB	73, 122, 91
Decimal	6847049
CIELab	48.69, -15.59, 24.67
CIELCh	49, 29.184, 122.287
Yxy	17.3432, 0.3456, 0.4321
Android (android.graphics.Color)	4285037129 (0xFF687A49)
YUV	111.0320, -18.7498, -6.1671
Hunter-Lab	41.6451, -13.4246, 16.4525

Details

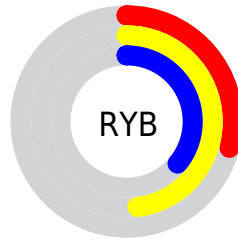
The Decimal color **6847049** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5982586**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10268282**, and **3688732** is the 20% darker color. If you saturate the color by 10%, you get **6584893**, and if you desaturate by 10%, it is **7109205**.

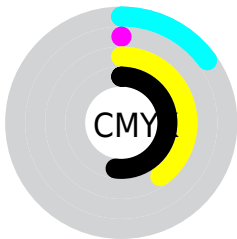
Distribution



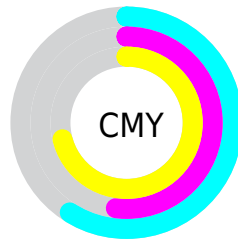
- Red (41%)
- Green (48%)
- Blue (29%)



- Red (29%)
- Yellow (48%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6847049 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 6847049 by changing the saturation by 10% instead.



6847049



6847049

16777215



5202226



10268282



3688732



12044948



2175748



13887151



531968



15728587



0



16777191



6847049



6847049



6584893



7109205



6257201



7436897

■ 5995044

■ 7699054

■ 5667352

■ 8026746

■ 5405196

■ 8288902

■ 5077504

■ 8616594

■ 8878750

■ 9206443

■ 9468599

Harmonies

Analogous

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



8549186



6847049



4882268

Triad

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



6847049



2391199



10641523

Complementary

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



6847049



5982586

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.



9725067



6847049



5404069

Square

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



6847049



32909



7957917



10642267

Rectangle

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



6847049



3375212



7957917



10445179

Sweetspot

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



6847049



9936523



8018761



4935492



13619151



5197647

Same Dimension

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



6847049



8560210



5274185



3882295



5209344



10550272

Inverse Universe

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



5982586



7230110



7555450



3749693



3014781



6095100

Previews

White Background



This preview shows how the Decimal color 6847049 looks on a white background.

Color Contrast Check

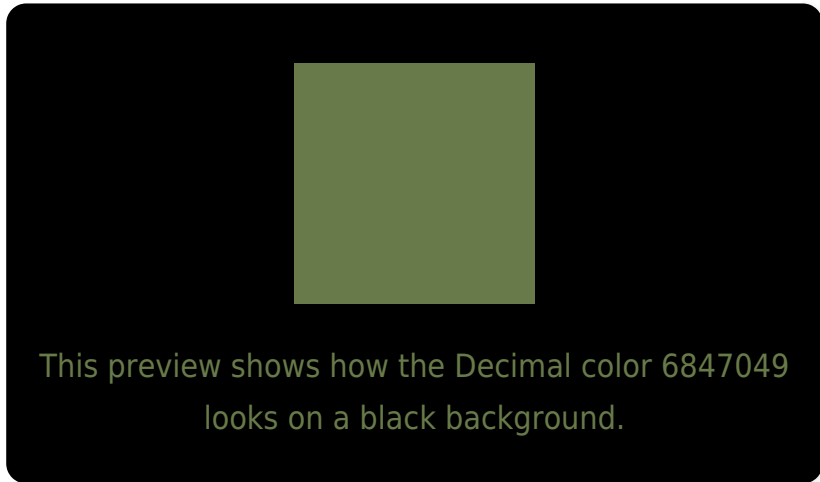
Large Text (above 18pt) WCAG AA ✓ Pass

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

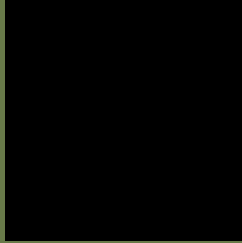
Any Text WCAG AA × Fail

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 6847049 Background



This preview shows how black text looks on a background with the Decimal color 6847049.



This preview shows how white text looks on a background with the Decimal color 6847049.

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
6847049

Protanopia
8287046

Deuteranopia
9137740



Tritanopia
7304317

Trichromacy



Original Color
6847049

Protanomaly
7763527

Deuteranomaly
8286795

Tritanomaly
7108202

Monochromacy



Original Color
6847049

Achromatopsia
7303023

Achromatomaly
7107425

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6847049 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 #687A49 looks like.

```
.text, #text, p{  
    color:#687A49  
}
```

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 #687A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687A49
}
```

Border

The CSS property to change the border of an element to Decimal 6847049 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
#687A49 }
```

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

```
.border{ border-color:#687A49 }
```

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

Here you see how a box with a 4 pixel #687A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687A49; -webkit-box-shadow:4px 4px  
4px 4px #687A49; box-shadow:4px 4px 4px  
4px #687A49 }
```

Background

The CSS property to change the background color of an element to Decimal 6847049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687A49 }
```

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

```
.background{ background-color:#687A49 }
```

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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