

Converting Colors

Decimal(6847583)

Have a look what the booklet for
Decimal(6847583) contains.

Decimal(6847583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6847583)

Conversions

Conversions Part 1

Format	Color
Hex	687C5F
RGB	104, 124, 95
RGB Percent	41%, 49%, 37%
CMY	0.5922, 0.5137, 0.6275
CMYK	0.16, 0.00, 0.23, 0.51
HSL	101°, 13%, 43%
HSV	101°, 23%, 49%
XYZ	14.9821, 18.1846, 13.5468
YIQ	114.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

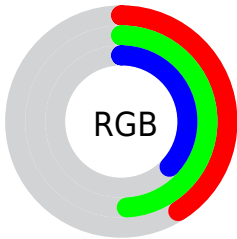
Format	Color
R_{YB}	95, 124, 115
Decimal	6847583
CIE _{Lab}	49.72, -13.18, 13.46
CIE _{LCh}	50, 18.841, 134.384
Yxy	18.1846, 0.3207, 0.3893
Android (android.graphics.Color)	4285037663 (0xFF687C5F)
YUV	114.7140, -9.7190, -9.3962
Hunter-Lab	42.6434, -11.9126, 11.0153

Details

The Decimal color **6847583** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7561084**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10203538**, and **3689265** is the 20% darker color. If you saturate the color by 10%, you get **6257747**, and if you desaturate by 10%, it is **7437419**.

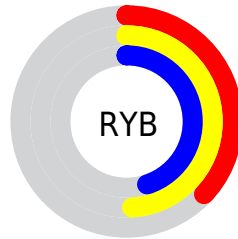
Distribution



Red (41%)

Green (49%)

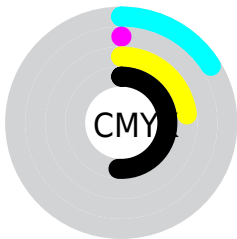
Blue (37%)



Red (37%)

Yellow (49%)

Blue (45%)

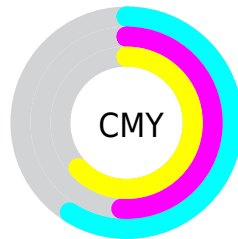


Cyan (16%)

Magenta (0%)

Yellow (23%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6847583 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 6847583 by changing the saturation by 10% instead.



6847583



6847583

16777215



5268295



10203538



3689265



11979948



2241563



13822151



990978



15663076



0



6847583



6847583



6257747



7437419



5733446



7961720



5143610



8551556

■ 4619309

■ 9075857

■ 4029473

■ 9665693

■ 3505173

■ 10189993

■ 2915336

■ 10779830

■ 2522112

■ 11304130

■ 11893967

Harmonies

Analogous

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



8026199



6847583



5668717

Triad

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



6847583



5798549



9923439

Complementary

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



6847583



7561084

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.



9530495



6847583



7173525

Square

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



6847583



4816524



8548493



9727329

Rectangle

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



6847583



5078904



8548493



9857908

Sweetspot

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



6847583



10068373



8155999



5067339



13750737



5395026

Same Dimension

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



6847583



8561012



6257764



3751223



2587904



5176320

Inverse Universe

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



7561084



9663649



8150903



3880765



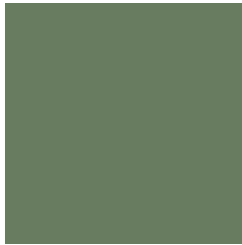
5636221



11403516

Previews

White Background



This preview shows how the Decimal color 6847583 looks on a white background.

Color Contrast Check

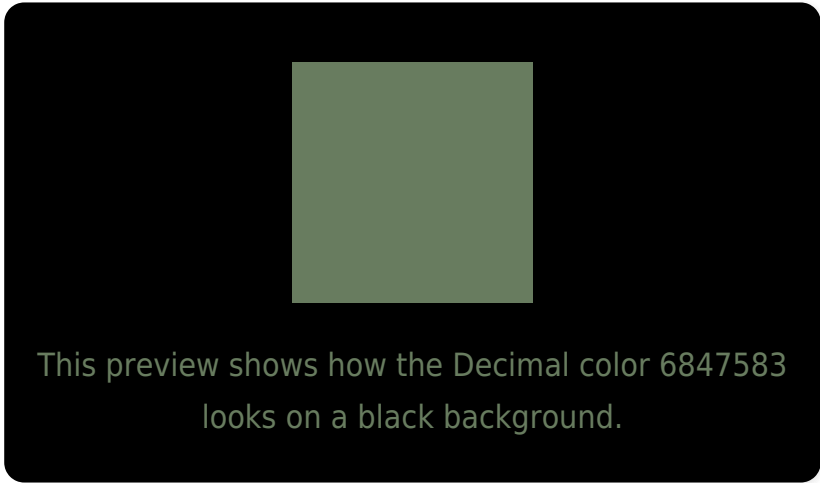
Large Text (above 18pt) WCAG AA ✓ Pass

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

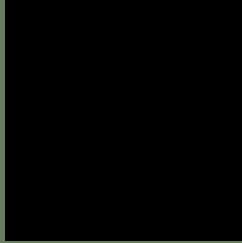
Any Text WCAG AA ✓ Pass

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 6847583 Background



This preview shows how black text looks on a background with the Decimal color 6847583.



This preview shows how white text looks on a background with the Decimal color 6847583.

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
6847583

Protanopia
8287836

Deuteranopia
9007457



Tritanopia
7174017

Trichromacy



Original Color
6847583

Protanomaly
7764061

Deuteranomaly
8222048

Tritanomaly
7043445

Monochromacy



Original Color
6847583

Achromatopsia
7566195

Achromatomaly
7304812

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6847583 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 #687C5F looks like.

```
.text, #text, p{  
    color:#687C5F  
}
```

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 #687C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687C5F
}
```

Border

The CSS property to change the border of an element to Decimal 6847583 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
#687C5F }
```

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

```
.border{ border-color:#687C5F }
```

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

Here you see how a box with a 4 pixel #687C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687C5F; -webkit-box-shadow:4px 4px  
4px 4px #687C5F; box-shadow:4px 4px 4px  
4px #687C5F }
```

Background

The CSS property to change the background color of an element to Decimal 6847583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687C5F }
```

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

```
.background{ background-color:#687C5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor