

Converting Colors

Decimal(6842950)

Have a look what the booklet for
Decimal(6842950) contains.

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Color

Decimal(6842950)

Conversions

Conversions Part 1

Format	Color
Hex	686A46
RGB	104, 106, 70
RGB Percent	41%, 42%, 27%
CMY	0.5922, 0.5843, 0.7255
CMYK	0.02, 0.00, 0.34, 0.58
HSL	63°, 20%, 35%
HSV	63°, 34%, 42%
XYZ	11.9684, 13.6933, 7.8066
YIQ	101.2980, 10.3640, -11.6200

Conversions

Conversions Part 2

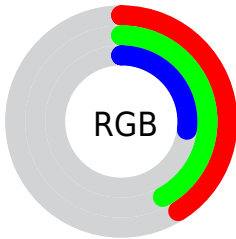
Format	Color
RYB	70, 106, 72
Decimal	6842950
CIELab	43.79, -7.10, 20.00
CIElCh	44, 21.223, 109.551
Yxy	13.6933, 0.3576, 0.4091
Android (android.graphics.Color)	4285033030 (0xFF686A46)
YUV	101.2980, -15.4299, 2.3697
Hunter-Lab	37.0045, -7.0252, 13.3951

Details

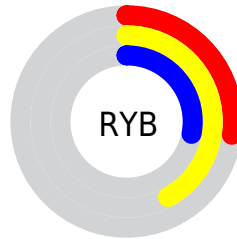
The Decimal color **6842950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4736618**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **10263927**, and **3685146** is the 20% darker color. If you saturate the color by 10%, you get **6777403**, and if you desaturate by 10%, it is **6908497**.

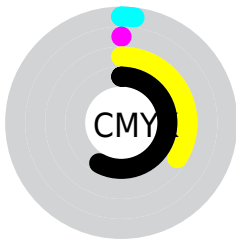
Distribution



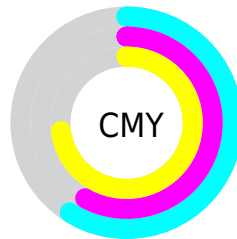
- Red (41%)
- Green (42%)
- Blue (27%)



- Red (27%)
- Yellow (42%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6842950 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 6842950 by changing the saturation by 10% instead.



6842950



6842950

16777215



5263919



10263927



3685146



12040337



2303232



13882539



200960



15724743



0



16777187



6842950



6842950



6777403



6908497



6777393



6908507

■ 6711846

■ 6974054

■ 6711836

■ 6974064

■ 6646289

■ 7039611

■ 6580742

■ 7105158

■ 6580736

■ 7105168

■ 7170715

■ 7170725

Harmonies

Analogous

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



7955525



6842950



5533264

Triad

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



6842950



3305346



8805230

Complementary

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



6842950



4736618

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.



7888766



6842950



4680586

Square

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



6842950



3174771



6382985



9132893

Rectangle

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



6842950



4616283



6382985



8543348

Sweetspot

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



6842950



9013884



6965318



4474173



12895428



4539717

Same Dimension

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



6842950



8882769



5663302



3487280



7304448



15201536

Inverse Universe

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



4736618



5525898



5916266



3158070



458869



917749

Previews

White Background



This preview shows how the Decimal color 6842950 looks on a white background.

Color Contrast Check

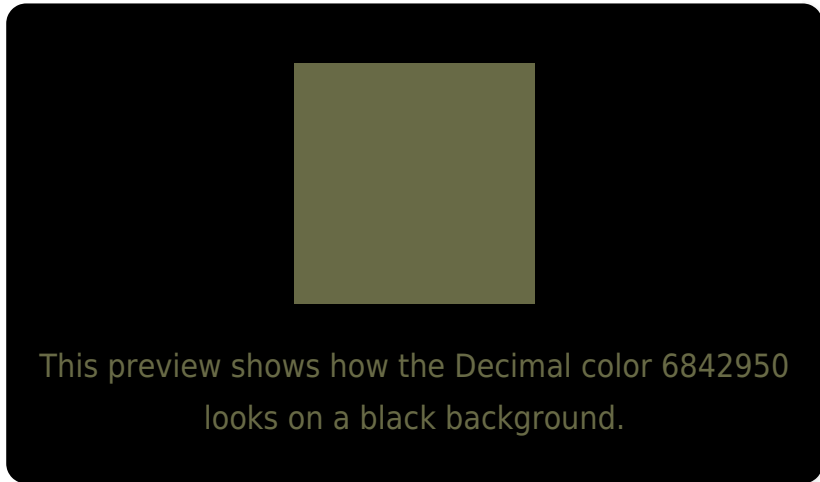
Large Text (above 18pt) WCAG AA ✓ Pass

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

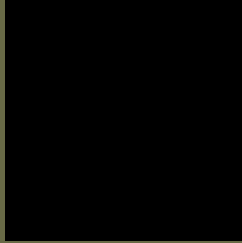
Any Text WCAG AA × Fail

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 6842950 Background



This preview shows how black text looks on a background with the Decimal color 6842950.



This preview shows how white text looks on a background with the Decimal color 6842950.

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](#).

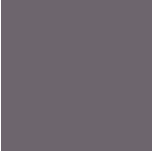
Dichromacy



Original Color
6842950

Protanopia
7366469

Deuteranopia
8086344



Tritanopia
7169389

Trichromacy



Original Color
6842950

Protanomaly
7170117

Deuteranomaly
7628359

Tritanomaly
7038815

Monochromacy



Original Color
6842950

Achromatopsia
6645093

Achromatomaly
6711130

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6842950 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 #686A46 looks like.

```
.text, #text, p{  
  color:#686A46  
}
```

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 #686A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686A46
}
```

Border

The CSS property to change the border of an element to Decimal 6842950 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
#686A46 }
```

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

```
.border{ border-color:#686A46 }
```

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

Here you see how a box with a 4 pixel #686A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686A46; -webkit-box-shadow:4px 4px  
4px 4px #686A46; box-shadow:4px 4px 4px  
4px #686A46 }
```

Background

The CSS property to change the background color of an element to Decimal 6842950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686A46 }
```

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

```
.background{ background-color:#686A46 }
```

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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