

# Converting Colors

Decimal(6842450)

Have a look what the booklet for  
Decimal(6842450) contains.

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# Color

**Decimal(6842450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686852
RGB	104, 104, 82
RGB Percent	41%, 41%, 32%
CMY	0.5922, 0.5922, 0.6784
CMYK	0.00, 0.00, 0.21, 0.59
HSL	60°, 12%, 36%
HSV	60°, 21%, 41%
XYZ	12.1822, 13.4529, 9.9372
YIQ	101.4920, 7.0620, -6.8420

# Conversions

## Conversions Part 2

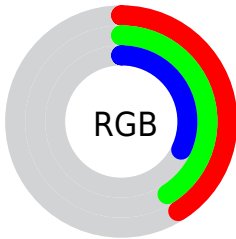
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 104, 82
Decimal	6842450
CIE <sub>Lab</sub>	43.44, -4.10, 12.43
CIE <sub>LCh</sub>	43, 13.092, 108.258
Yxy	13.4529, 0.3425, 0.3782
Android (android.graphics.Color)	4285032530 (0xFF686852)
YUV	101.4920, -9.6096, 2.1995
Hunter-Lab	36.6782, -4.9001, 9.6112

# Details

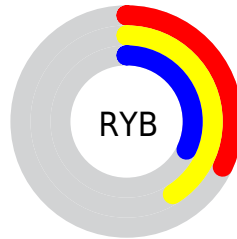
The Decimal color **6842450** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5395048**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **10197891**, and **3750181** is the 20% darker color. If you saturate the color by 10%, you get **6842440**, and if you desaturate by 10%, it is **6842460**.

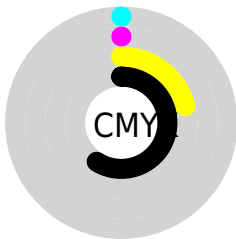
# Distribution



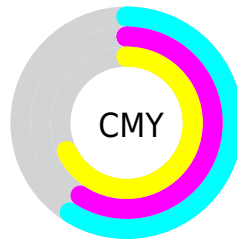
- Red (41%)
- Green (41%)
- Blue (32%)



- Red (32%)
- Yellow (41%)
- Blue (32%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (59%)



- Cyan (59%)
- Magenta (59%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6842450 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 6842450 by changing the saturation by 10% instead.





6842450



6842450

16777215



5263419



10197891



3750181



11974302



2302992



13816249



593664



15658708



0



16777201



6842450



6842450



6842440



6842460



6842429



6842471

■ 6842419

■ 6842481

■ 6842408

■ 6842492

■ 6842398

■ 6842502

■ 6842388

■ 6842512

■ 6842377

■ 6842523

■ 6842368

■ 6842533

■ 6842544

# Harmonies

## Analogous

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



7562322



6842450



6056792

# Triad

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



6842450



4942966



8019819

# Complementary

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



6842450



5395048

# 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.



7365237



6842450



5597564

# Square

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



6842450



4877677



6514043



8216416

# Rectangle

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



6842450



5532766



6514043



7823471



# Sweetspot

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



6842450



8882047



6836818



4539712



12895428



4539717



# Same Dimension

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



6842450



8882021



6121554



3355438



7566080



15921664



# Inverse Universe

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



5395048



6645127



6115944



3026483



115



242



# Previews

## White Background



This preview shows how the Decimal color 6842450 looks on a white background.

## Color Contrast Check

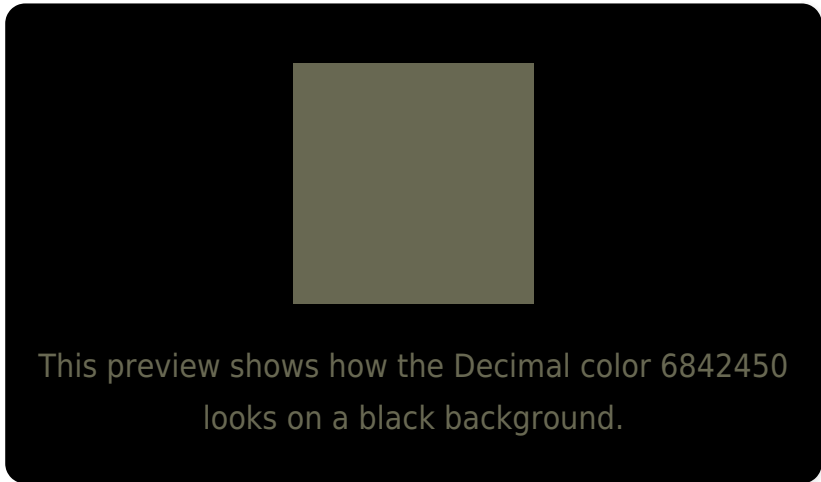
Large Text (above 18pt) WCAG AA ✓ Pass

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

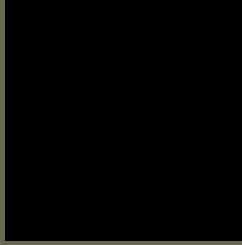
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

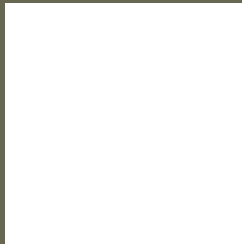
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6842450 Background



This preview shows how black text looks on a background with the Decimal color 6842450.



This preview shows how white text looks on a background with the Decimal color 6842450.

# 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**  
6842450

**Protanopia**  
7169617

**Deuteranopia**  
7824211



**Tritanopia**  
7038060

# Trichromacy



**Original Color**  
6842450

**Protanomaly**  
7038801

**Deuteranomaly**  
7497043

**Tritanomaly**  
6972771

# Monochromacy



**Original Color**  
6842450

**Achromatopsia**  
6645093

**Achromatomaly**  
6710878

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6842450 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 #686852 looks like.

```
.text, #text, p{  
  color:#686852  
}
```

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 #686852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686852
}
```

## Border

The CSS property to change the border of an element to Decimal 6842450 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".

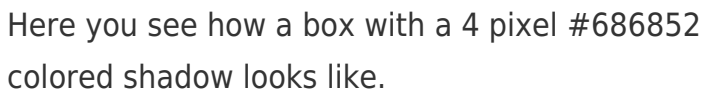
```
.border, #border, table{ border:4px solid
#686852 }
```

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

```
.border{ border-color:#686852 }
```

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

Here you see how a box with a 4 pixel #686852 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686852; -webkit-box-shadow:4px 4px  
4px 4px #686852; box-shadow:4px 4px 4px  
4px #686852 }
```

# Background

The CSS property to change the background color of an element to Decimal 6842450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686852 }
```

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

```
.background{ background-color:#686852 }
```

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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