

# Converting Colors

Decimal(6842459)

Have a look what the booklet for  
Decimal(6842459) contains.

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# Color

**Decimal(6842459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68685B
RGB	104, 104, 91
RGB Percent	41%, 41%, 36%
CMY	0.5922, 0.5922, 0.6431
CMYK	0.00, 0.00, 0.12, 0.59
HSL	60°, 7%, 38%
HSV	60°, 12%, 41%
XYZ	12.5476, 13.5990, 11.8611
YIQ	102.5180, 4.1730, -4.0430

# Conversions

## Conversions Part 2

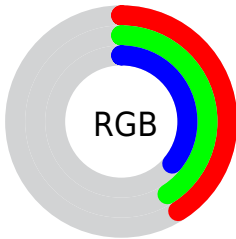
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 104, 91
Decimal	6842459
CIE Lab	43.65, -2.53, 7.33
CIE LCh	44, 7.755, 109.045
Yxy	13.5990, 0.3301, 0.3578
Android (android.graphics.Color)	4285032539 (0xFF68685B)
YUV	102.5180, -5.6784, 1.2997
Hunter-Lab	36.8768, -3.7988, 6.7437

# Details

The Decimal color **6842459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5987176**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **10197901**, and **3750189** is the 20% darker color. If you saturate the color by 10%, you get **6842449**, and if you desaturate by 10%, it is **6842469**.

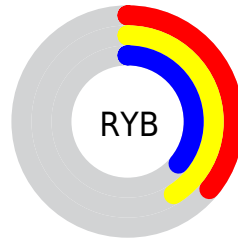
# Distribution



Red (41%)

Green (41%)

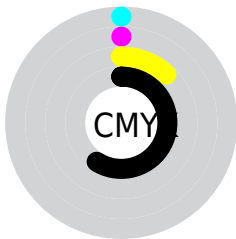
Blue (36%)



Red (36%)

Yellow (41%)

Blue (36%)

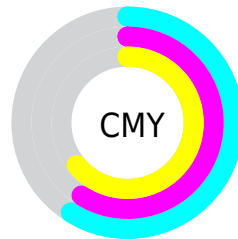


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (59%)



Cyan (59%)

Magenta (59%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6842459 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 6842459 by changing the saturation by 10% instead.



■ 6842459

■ 6842459

16777215

■ 5263428

■ 10197901

■ 3750189

■ 11974312

■ 2303001

■ 13816259

■ 921088

■ 15658719

■ 0

■ 16777211

■ 6842459

■ 6842459

■ 6842449

■ 6842469

■ 6842438

■ 6842480

6842428

6842490

6842417

6842501

6842407

6842511

6842397

6842521

6842386

6842532

6842376

6842542

6842368

6842553

# Harmonies

## Analogous

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



7300699



6842459



6384223

# Triad

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



6842459



5794417



7562090

# Complementary

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



6842459



5987176

# 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.



7169136



6842459



6187124

# Square

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



6842459



5729131



6710899



7693155

# Rectangle

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



6842459



6056802



6710899



7431020



# Sweetspot

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



6842459



8882050



6839131



4539713



12895428



4539717



# Same Dimension

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



6842459



8882035



6449243



3355438



7566080



15921664



# Inverse Universe

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



5987176



7566215



6445928



3026483



115



242



# Previews

## White Background



This preview shows how the Decimal color 6842459 looks on a white background.

## Color Contrast Check

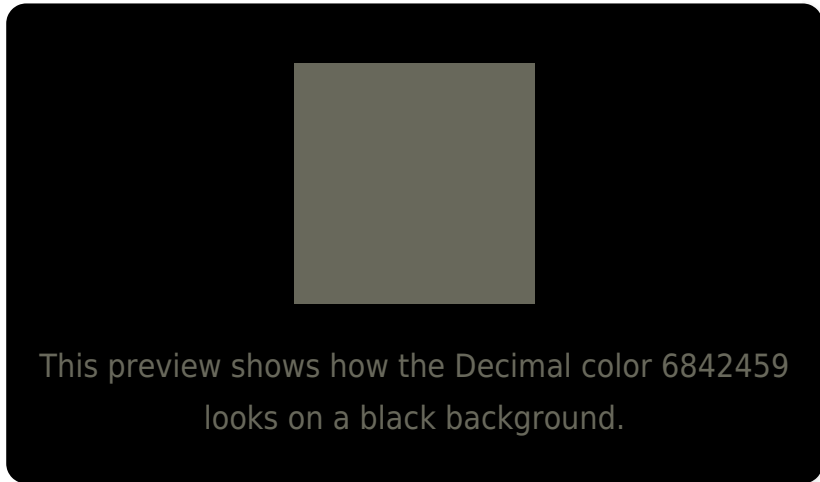
Large Text (above 18pt) WCAG AA ✓ Pass

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

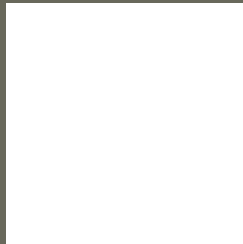
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6842459 Background



This preview shows how black text looks on a background with the Decimal color 6842459.



This preview shows how white text looks on a background with the Decimal color 6842459.

# 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**  
6842459

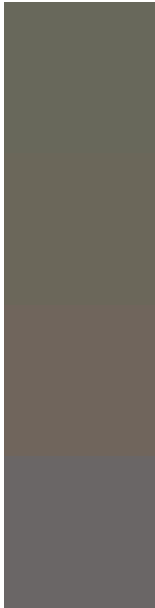
**Protanopia**  
7104346

**Deuteranopia**  
7693148



**Tritanopia**  
7038317

# Trichromacy



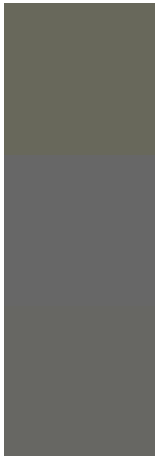
**Original Color**  
6842459

**Protanomaly**  
7038810

**Deuteranomaly**  
7365980

**Tritanomaly**  
6973030

# Monochromacy



**Original Color**  
6842459

**Achromatopsia**  
6776679

**Achromatomaly**  
6776675

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6842459 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 #68685B looks like.

```
.text, #text, p{  
    color:#68685B  
}
```

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 #68685B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68685B
}
```

## Border

The CSS property to change the border of an element to Decimal 6842459 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".

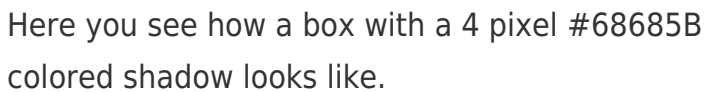
```
.border, #border, table{ border:4px solid
#68685B }
```

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

```
.border{ border-color:#68685B }
```

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

Here you see how a box with a 4 pixel #68685B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68685B; -webkit-box-shadow:4px 4px  
4px 4px #68685B; box-shadow:4px 4px 4px  
4px #68685B }
```

# Background

The CSS property to change the background color of an element to Decimal 6842459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68685B }
```

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

```
.background{ background-color:#68685B }
```

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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