

# Converting Colors

Decimal(6767436)

Have a look what the booklet for  
Decimal(6767436) contains.

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**Color**

**Decimal(6767436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67434C
RGB	103, 67, 76
RGB Percent	40%, 26%, 30%
CMY	0.5961, 0.7373, 0.7020
CMYK	0.00, 0.35, 0.26, 0.60
HSL	345°, 21%, 33%
HSV	345°, 35%, 40%
XYZ	8.9052, 7.4197, 7.8003
YIQ	78.7900, 18.5670, 10.4310

# Conversions

## Conversions Part 2

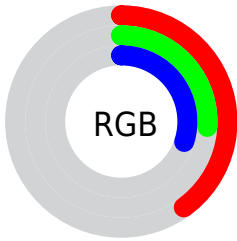
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 67, 76
Decimal	6767436
CIE <sub>Lab</sub>	32.74, 16.99, 0.98
CIE <sub>LCh</sub>	33, 17.019, 3.291
Yxy	7.4197, 0.3691, 0.3075
Android (android.graphics.Color)	4284957516 (0xFF67434C)
YUV	78.7900, -1.3755, 21.2322
Hunter-Lab	27.2391, 10.6880, 2.0889

# Details

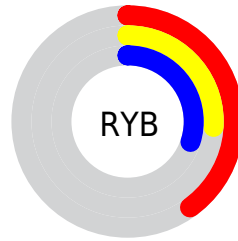
The Decimal color **6767436** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4417374**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10187645**, and **3610400** is the 20% darker color. If you saturate the color by 10%, you get **6764868**, and if you desaturate by 10%, it is **6770004**.

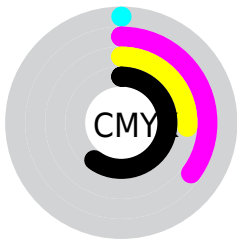
# Distribution



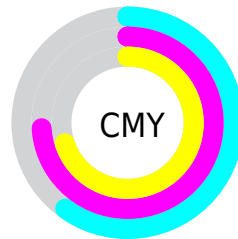
- Red (40%)
- Green (26%)
- Blue (30%)



- Red (40%)
- Yellow (26%)
- Blue (30%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6767436 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 6767436 by changing the saturation by 10% instead.





6767436



6767436

16777215



5123125



10187645



3610400



11963799



2293768



13805745



0



15713229



16769001



16776447



6767436



6767436



6764868



6770004

■ 6762045

■ 6772827

■ 6759477

■ 6775395

■ 6756909

■ 6777963

■ 6754085

■ 6780531

■ 6751518

■ 6783354

■ 6750234

■ 6785922

■ 6788490

■ 6791314

# Harmonies

## Analogous

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



6243673



6767436



6767679

# Triad

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



6767436



4673846



2839141

# Complementary

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



6767436



4417374

# 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.



2249819



6767436



3625793

# Square

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



6767436



5590322



2708558



4083304

# Rectangle

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



6767436



6506296



2708558



2511714



# Sweetspot

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



6767436



8878717



6177639



4537663



12895428



4539717



# Same Dimension

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



6767436



8867421



6769731



3354159



7536669



15859773



# Inverse Universe

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



6767436



8867421



4415079



3354159



7536669

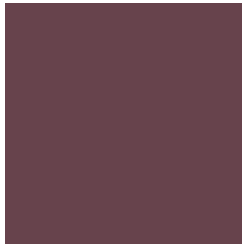


15859773



# Previews

## White Background



This preview shows how the Decimal color 6767436 looks on a white background.

## Color Contrast Check

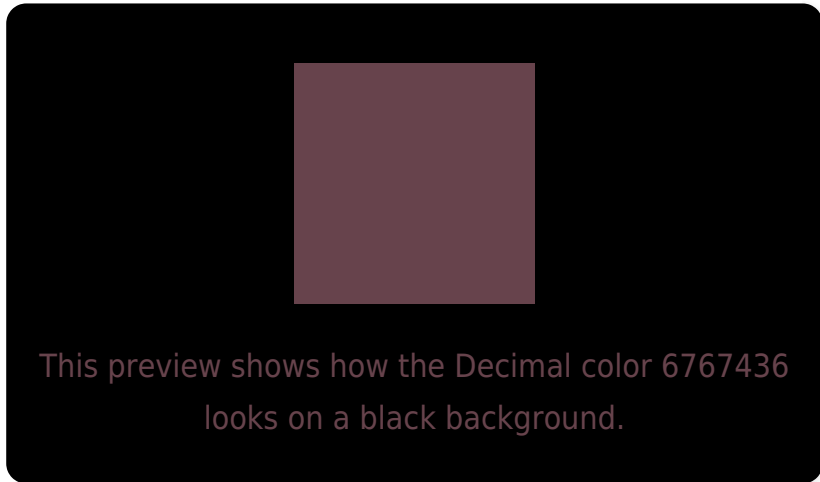
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6767436 Background



This preview shows how black text looks on a background with the Decimal color 6767436.



This preview shows how white text looks on a background with the Decimal color 6767436.

# 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**  
6767436

**Protanopia**  
5066066

**Deuteranopia**  
5655371



**Tritanopia**  
6767689

# Trichromacy



**Original Color**

6767436

**Protanomaly**

5654864

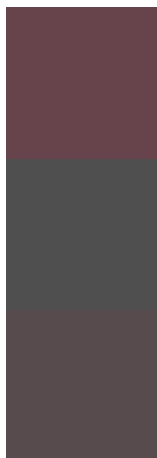
**Deuteranomaly**

6047819

**Tritanomaly**

6767690

# Monochromacy



**Original Color**

6767436

**Achromatopsia**

5197647

**Achromatomaly**

5786446

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6767436 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 #67434C looks like.

```
.text, #text, p{  
    color:#67434C  
}
```

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 #67434C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67434C
}
```

## Border

The CSS property to change the border of an element to Decimal 6767436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

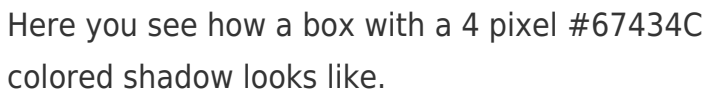
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67434C }
```

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

```
.border{ border-color:#67434C }
```

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



Here you see how a box with a 4 pixel #67434C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67434C; -webkit-box-shadow:4px 4px  
4px 4px #67434C; box-shadow:4px 4px 4px  
4px #67434C }
```

# Background

The CSS property to change the background color of an element to Decimal 6767436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67434C }
```

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

```
.background{ background-color:#67434C }
```

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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