

# Converting Colors

Decimal(6775348)

Have a look what the booklet for  
Decimal(6775348) contains.

<b>Decimal(6775348)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6775348)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676234
RGB	103, 98, 52
RGB Percent	40%, 38%, 20%
CMY	0.5961, 0.6157, 0.7961
CMYK	0.00, 0.05, 0.50, 0.60
HSL	54°, 33%, 30%
HSV	54°, 50%, 40%
XYZ	10.5810, 11.8669, 4.9817
YIQ	94.2510, 17.7460, -13.2460

# Conversions

## Conversions Part 2

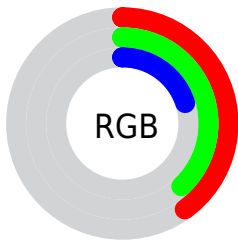
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 103, 52
Decimal	6775348
CIELab	41.00, -5.18, 26.75
CIElCh	41, 27.247, 100.954
Yxy	11.8669, 0.3858, 0.4326
Android (android.graphics.Color)	4284965428 (0xFF676234)
YUV	94.2510, -20.8297, 7.6729
Hunter-Lab	34.4483, -5.4571, 15.5397

# Details

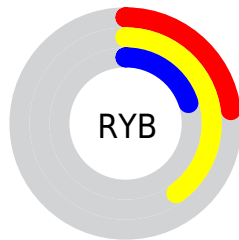
The Decimal color **6775348** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3422567**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10196324**, and **3552262** is the 20% darker color. If you saturate the color by 10%, you get **6775082**, and if you desaturate by 10%, it is **6775614**.

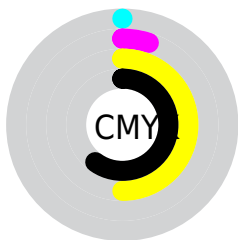
# Distribution



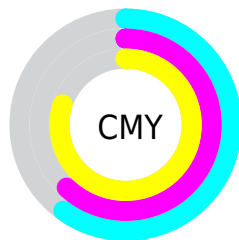
- Red (40%)
- Green (38%)
- Blue (20%)



- Red (23%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6775348 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 6775348 by changing the saturation by 10% instead.



■ 6775348

■ 6775348

16777215

■ 5130782

■ 10196324

■ 3552262

■ 12038013

■ 2105088

■ 13879959

■ 1792

■ 15722418

■ 0

■ 16777166

■ 16777194

■ 6775348

■ 6775348

■ 6775082

■ 6775614

■ 6774815

■ 6775881

■ 6774549

■ 6776147

■ 6774283

■ 6776413

■ 6774016

■ 6776680

■ 6776946

■ 6777212

■ 6777478

■ 6777745

# Harmonies

## Analogous

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



8084023



6775348



5204030

# Triad

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



6775348



27517



8606064

# Complementary

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



6775348



3422567

# 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.



7231619



6775348



2189194

# Square

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



6775348



290152



5070988



9195353

# Rectangle

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



6775348



3959626



5070988



8213367



# Sweetspot

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



6775348



8881523



6763577



4539448



12895428



4539717



# Same Dimension

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



6775348



8879927



5465908



3355438



7563264



15915776



# Inverse Universe

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



3422567



3620743



4732007



3026483



2931



6386



# Previews

## White Background



This preview shows how the Decimal color 6775348 looks on a white background.

## Color Contrast Check

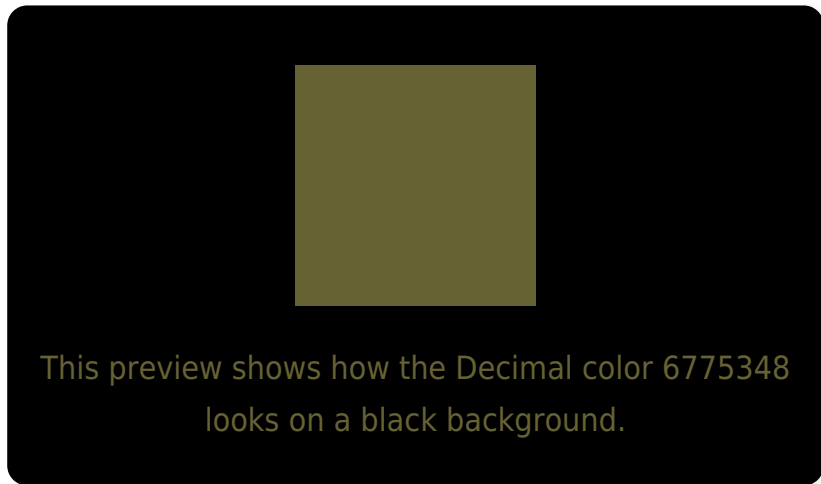
Large Text (above 18pt) WCAG AA ✓ Pass

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

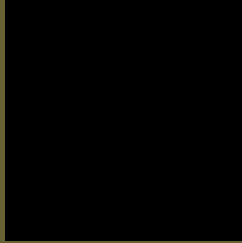
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6775348 Background



This preview shows how black text looks on a background with the Decimal color 6775348.



This preview shows how white text looks on a background with the Decimal color 6775348.

# 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**

6775348

**Protanopia**

7037236

**Deuteranopia**

7756853



**Tritanopia**  
7101796

# Trichromacy



**Original Color**  
6775348

**Protanomaly**  
6971700

**Deuteranomaly**  
7429685

**Tritanomaly**  
6971219

# Monochromacy



**Original Color**  
6775348

**Achromatopsia**  
6184542

**Achromatomaly**  
6381391

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6775348 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 #676234 looks like.

```
.text, #text, p{  
  color:#676234  
}
```

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 #676234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676234
}
```

## Border

The CSS property to change the border of an element to Decimal 6775348 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
#676234 }
```

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

```
.border{ border-color:#676234 }
```

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

Here you see how a box with a 4 pixel #676234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676234; -webkit-box-shadow:4px 4px  
4px 4px #676234; box-shadow:4px 4px 4px  
4px #676234 }
```

# Background

The CSS property to change the background color of an element to Decimal 6775348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676234 }
```

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

```
.background{ background-color:#676234 }
```

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