

# Converting Colors

Decimal(6773345)

Have a look what the booklet for  
Decimal(6773345) contains.

<b>Decimal(6773345)</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(6773345)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675A61
RGB	103, 90, 97
RGB Percent	40%, 35%, 38%
CMY	0.5961, 0.6471, 0.6196
CMYK	0.00, 0.13, 0.06, 0.60
HSL	328°, 7%, 38%
HSV	328°, 13%, 40%
XYZ	11.4074, 11.0590, 12.8426
YIQ	94.6850, 5.5010, 4.9330

# Conversions

## Conversions Part 2

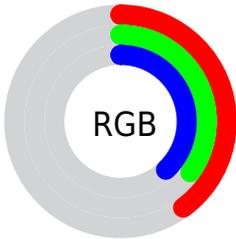
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 90, 97
Decimal	6773345
CIE Lab	39.68, 6.64, -2.08
CIE LCh	40, 6.955, 342.565
Yxy	11.0590, 0.3231, 0.3132
Android (android.graphics.Color)	4284963425 (0xFF675A61)
YUV	94.6850, 1.1413, 7.2923
Hunter-Lab	33.2550, 3.0340, 0.3815

# Details

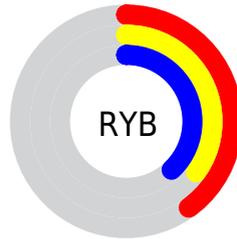
The Decimal color **6773345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5924704**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **10128532**, and **3681331** is the 20% darker color. If you saturate the color by 10%, you get **6770780**, and if you desaturate by 10%, it is **6775910**.

# Distribution



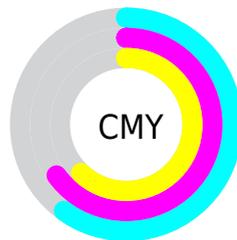
- Red (40%)
- Green (35%)
- Blue (38%)



- Red (40%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6773345 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 6773345 by changing the saturation by 10% instead.



6773345



6773345

16777215



5194569



10128532



3681331



11904686



2234398



13746889



786436



15588838



0



16775935



6773345



6773345



6770780



6775910



6767959



6778731

6765395

6781295

6762830

6783860

6760265

6786681

6757444

6789246

6754880

6791810

6752315

6794375

6750263

6797196

# Harmonies

## Analogous

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



6445926



6773345



6969947

# Triad

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



6773345



6315602



5267557

# Complementary

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



6773345



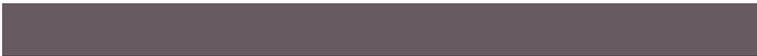
5924704

# 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.



5267808



6773345



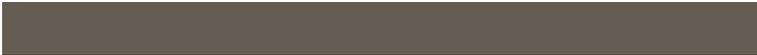
5857365

# Square

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



6773345



6642771



5464410



5529448

# Rectangle

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



6773345



6969944



5464410



5202275

# Sweetspot

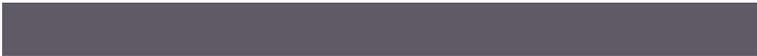
The Sweet Spot groups the original color and five complimentary colors.



6773345



8880773



6314599



4538691



12895428



4539717



# Same Dimension

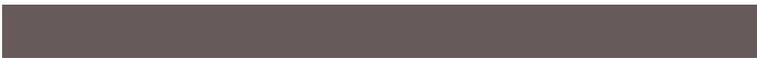
The Same Dimension uses a secret algorithm to generate beautiful new colors.



6773345



8876926



6773339



3354161



7536702



15859842



# Inverse Universe

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



6773345



8876926



5924710



3354161



7536702



15859842



# Previews

## White Background



This preview shows how the Decimal color 6773345 looks on a white background.

## Color Contrast Check

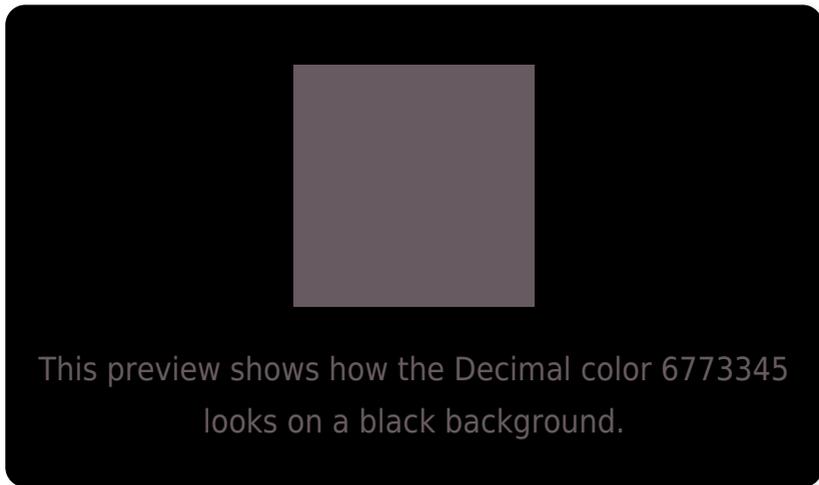
Large Text (above 18pt) WCAG AA ✓ Pass

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

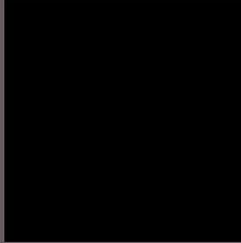
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

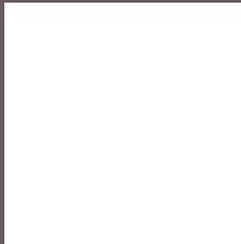
Any Text WCAG AAA × Fail

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

## Decimal 6773345 Background



This preview shows how black text looks on a background with the Decimal color 6773345.



This preview shows how white text looks on a background with the Decimal color 6773345.

# 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**  
6773345

**Protanopia**  
6184291

**Deuteranopia**  
6642529



# Trichromacy



**Original Color**  
6773345

**Protanomaly**  
6380642

**Deuteranomaly**  
6708065

**Tritanomaly**  
6773345

# Monochromacy



**Original Color**  
6773345

**Achromatopsia**  
6250335

**Achromatomaly**  
6446432

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6773345 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 #675A61 looks like.

```
.text, #text, p{  
    color:#675A61  
}
```

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 #675A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675A61
}
```

## Border

The CSS property to change the border of an element to Decimal 6773345 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
#675A61 }
```

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

```
.border{ border-color:#675A61 }
```

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

Here you see how a box with a 4 pixel #675A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675A61; -webkit-box-shadow:4px 4px  
4px 4px #675A61; box-shadow:4px 4px 4px  
4px #675A61 }
```

# Background

The CSS property to change the background color of an element to Decimal 6773345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675A61 }
```

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

```
.background{ background-color:#675A61 }
```

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