

# Converting Colors

Decimal(6768225)

Have a look what the booklet for  
Decimal(6768225) contains.

<b>Decimal(6768225)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(6768225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674661
RGB	103, 70, 97
RGB Percent	40%, 27%, 38%
CMY	0.5961, 0.7255, 0.6196
CMYK	0.00, 0.32, 0.06, 0.60
HSL	311°, 19%, 34%
HSV	311°, 32%, 40%
XYZ	9.9413, 8.1269, 12.3540
YIQ	82.9450, 11.0010, 15.3930

# Conversions

## Conversions Part 2

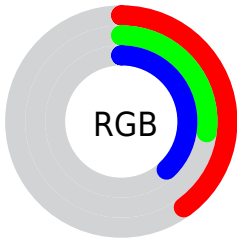
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 70, 97
Decimal	6768225
CIE <sub>Lab</sub>	34.25, 19.00, -10.19
CIE <sub>LCh</sub>	34, 21.564, 331.794
Yxy	8.1269, 0.3268, 0.2671
Android (android.graphics.Color)	4284958305 (0xFF674661)
YUV	82.9450, 6.9291, 17.5882
Hunter-Lab	28.5078, 12.3585, -5.7381

# Details

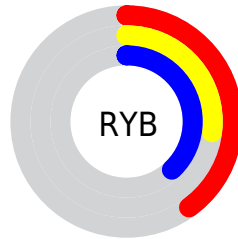
The Decimal color **6768225** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4613964**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **10188692**, and **3611187** is the 20% darker color. If you saturate the color by 10%, you get **6765663**, and if you desaturate by 10%, it is **6770787**.

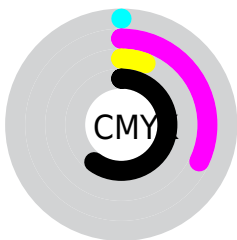
# Distribution



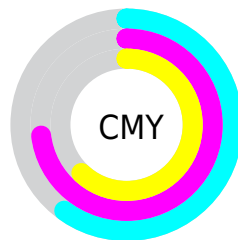
- Red (40%)
- Green (27%)
- Blue (38%)



- Red (40%)
- Yellow (27%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6768225 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 6768225 by changing the saturation by 10% instead.



6768225

6768225

16777215

5189449

10188692

3611187

11964846

2228766

13741002

1

15648742

0

16770047

6768225

6768225

6765663

6770787

6762845

6773605

6760283

6776167

6757722

6778728

6755160

6781546

6752342

6784108

6750292

6786670

6789232

6792050

# Harmonies

## Analogous

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



5524590



6768225



7422800

# Triad

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



6768225



5984302



743778

# Complementary

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



6768225



4613964

# 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.



1989201



6768225



4805939

# Square

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



6768225



6900275



3430464



1857390

# Rectangle

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



6768225



7488581



3430464



1006173



# Sweetspot

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



6768225



8878725



4933223



4537667



12895428



4539717



# Same Dimension

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



6768225



8868990



6768209



3354162



7536734



15859910



# Inverse Universe

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



6768225



8868990



4613980



3354162



7536734

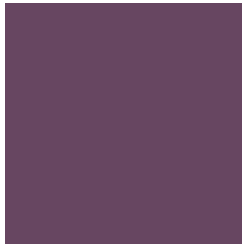


15859910



# Previews

## White Background



This preview shows how the Decimal color 6768225 looks on a white background.

## Color Contrast Check

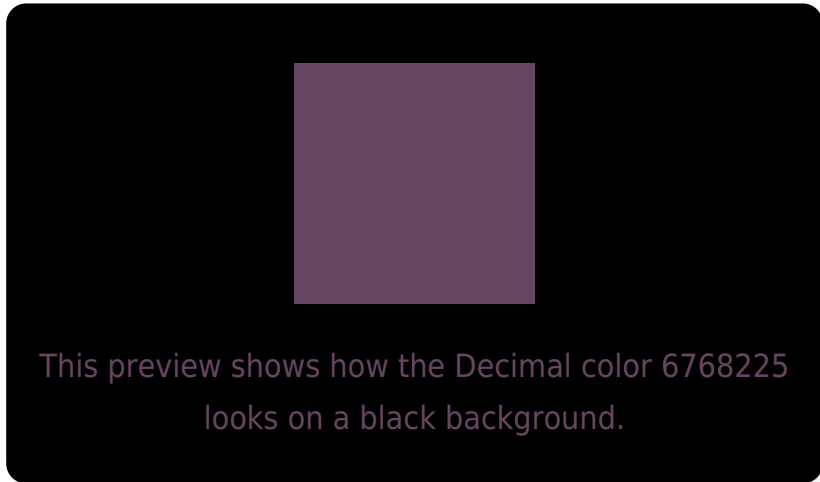
Large Text (above 18pt) WCAG AA ✓ Pass

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

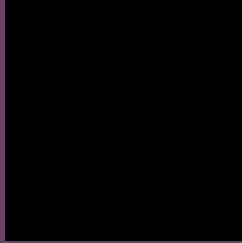
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6768225 Background



This preview shows how black text looks on a background with the Decimal color 6768225.



This preview shows how white text looks on a background with the Decimal color 6768225.

# 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**  
6768225

**Protanopia**  
4935784

**Deuteranopia**  
5394271



**Tritanopia**  
6637903

# Trichromacy



**Original Color**  
6768225

**Protanomaly**  
5590117

**Deuteranomaly**  
5917792

**Tritanomaly**  
6703190

# Monochromacy



**Original Color**  
6768225

**Achromatopsia**  
5460819

**Achromatomaly**  
5918296

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6768225 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 #674661 looks like.

```
.text, #text, p{  
    color:#674661  
}
```

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 #674661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674661
}
```

## Border

The CSS property to change the border of an element to Decimal 6768225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

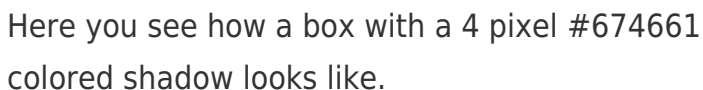
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674661 }
```

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

```
.border{ border-color:#674661 }
```

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



Here you see how a box with a 4 pixel #674661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674661; -webkit-box-shadow:4px 4px  
4px 4px #674661; box-shadow:4px 4px 4px  
4px #674661 }
```

# Background

The CSS property to change the background color of an element to Decimal 6768225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674661 }
```

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

```
.background{ background-color:#674661 }
```

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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