

# Converting Colors

Decimal(7427668)

Have a look what the booklet for  
Decimal(7427668) contains.

<b>Decimal(7427668)</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(7427668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	715654
RGB	113, 86, 84
RGB Percent	44%, 34%, 33%
CMY	0.5569, 0.6627, 0.6706
CMYK	0.00, 0.24, 0.26, 0.56
HSL	4°, 15%, 39%
HSV	4°, 26%, 44%
XYZ	11.7381, 10.8064, 9.8547
YIQ	93.8450, 16.7340, 5.1020

# Conversions

## Conversions Part 2

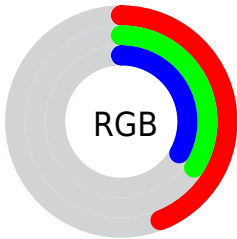
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	113, 86, 84
Decimal	7427668
CIE <sub>Lab</sub>	39.25, 10.84, 5.47
CIE <sub>LCh</sub>	39, 12.138, 26.768
Yxy	10.8064, 0.3623, 0.3335
Android (android.graphics.Color)	4285617748 (0xFF715654)
YUV	93.8450, -4.8536, 16.7989
Hunter-Lab	32.8731, 6.2096, 5.2372

# Details

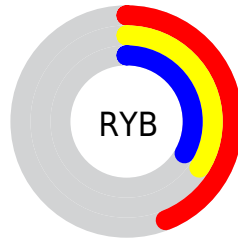
The Decimal color **7427668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5533553**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10848389**, and **4204839** is the 20% darker color. If you saturate the color by 10%, you get **7424841**, and if you desaturate by 10%, it is **7430495**.

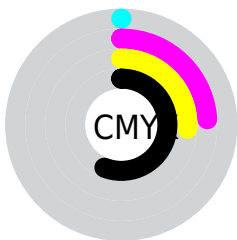
# Distribution



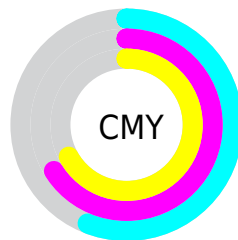
- Red (44%)
- Green (34%)
- Blue (33%)



- Red (44%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (56%)



- Cyan (56%)
- Magenta (66%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7427668 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 7427668 by changing the saturation by 10% instead.





7427668



7427668

16777215



5783357



10848389



4204839



12690080



2757651



14532027



1179648



16374230



0



16774643



7427668



7427668



7424841



7430495



7422269



7433067

7419442

7435894

7416871

7438465

7414044

7441293

7411472

7443864

7408645

7446691

7407616

7449262

7452090

# Harmonies

## Analogous

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



7296606



7427668



7166028

# Triad

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



7427668



5202257



5267056

# Complementary

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



7427668



5533553

# 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.



4546669



7427668



4612699

# Square

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



7427668



5988171



4350565



6117998

# Rectangle

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



7427668



6838857



4350565



5005167



# Sweetspot

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



7427668



9734536



7427183



4866883



13224393



4868682



# Same Dimension

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



7427668



9726310



7431252



3683122



7866368



16191744



# Inverse Universe

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



5533553



6721940



5529969



3291192



28792



59127



# Previews

## White Background



This preview shows how the Decimal color 7427668 looks on a white background.

## Color Contrast Check

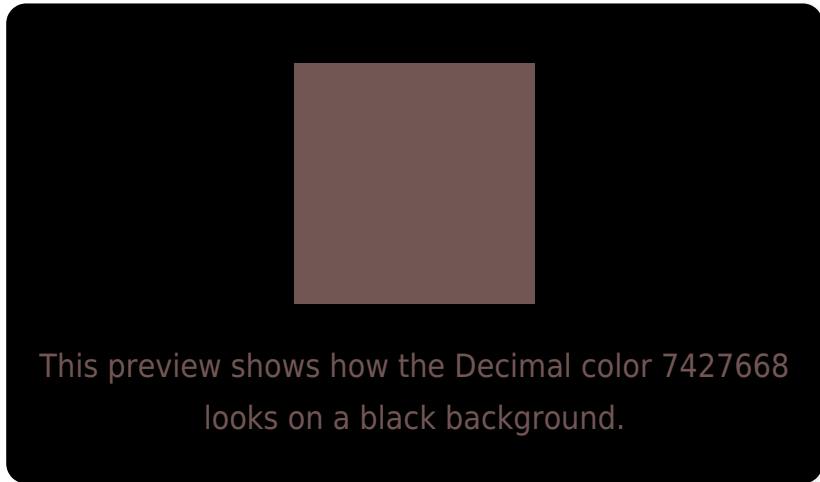
Large Text (above 18pt) WCAG AA ✓ Pass

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 7427668 Background



This preview shows how black text looks on a background with the Decimal color 7427668.



This preview shows how white text looks on a background with the Decimal color 7427668.

# 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**


7427668

**Protanopia**

6315095

**Deuteranopia**

6904147



**Tritanopia**  
7492955

# Trichromacy



**Original Color**

7427668

**Protanomaly**

6707798

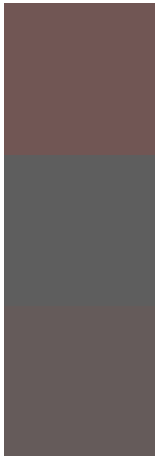
**Deuteranomaly**

7100499

**Tritanomaly**

7492952

# Monochromacy



**Original Color**

7427668

**Achromatopsia**

6184542

**Achromatomaly**

6642522

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7427668 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 #715654 looks like.

```
.text, #text, p{  
    color:#715654  
}
```

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 #715654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #715654
}
```

## Border

The CSS property to change the border of an element to Decimal 7427668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

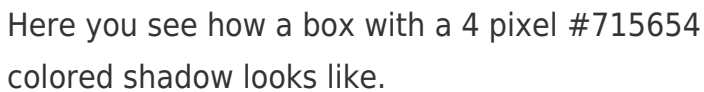
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#715654 }
```

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

```
.border{ border-color:#715654 }
```

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



Here you see how a box with a 4 pixel #715654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #715654; -webkit-box-shadow:4px 4px  
4px 4px #715654; box-shadow:4px 4px 4px  
4px #715654 }
```

# Background

The CSS property to change the background color of an element to Decimal 7427668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#715654 }
```

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

```
.background{ background-color:#715654 }
```

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