

# Converting Colors

Decimal(7032398)

Have a look what the booklet for  
Decimal(7032398) contains.

|  |    |
|--|----|
| <b>Decimal(7032398)</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(7032398)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 6B4E4E                   |
| RGB           | 107, 78, 78              |
| RGB Percent   | 42%, 31%, 31%            |
| CMY           | 0.5804, 0.6941, 0.6941   |
| CMYK          | 0.00, 0.27, 0.27, 0.58   |
| HSL           | 0°, 16%, 36%             |
| HSV           | 0°, 27%, 42%             |
| XYZ           | 10.1629, 9.1246, 8.4333  |
| YIQ           | 86.6710, 17.2840, 6.1480 |

# Conversions

## Conversions Part 2

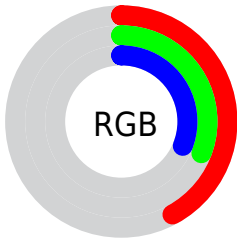
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 107, 78, 78                  |
| Decimal                             | 7032398                      |
| CIELab                              | 36.22, 12.22, 4.79           |
| CIElCh                              | 36, 13.122, 21.395           |
| Yxy                                 | 9.1246, 0.3666,<br>0.3292    |
| Android<br>(android.graphics.Color) | 4285222478<br>(0xFF6B4E4E)   |
| YUV                                 | 86.6710, -4.2748,<br>17.8285 |
| Hunter-Lab                          | 30.2070, 7.1928,<br>4.5921   |

# Details

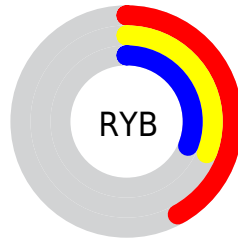
The Decimal color **7032398** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **5139307**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10452863**, and **3875106** is the 20% darker color. If you saturate the color by 10%, you get **7029571**, and if you desaturate by 10%, it is **7035225**.

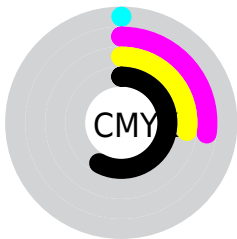
# Distribution



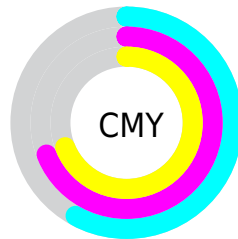
- Red (42%)
- Green (31%)
- Blue (31%)



- Red (42%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7032398 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 7032398 by changing the saturation by 10% instead.



■ 7032398

■ 7032398

16777215

■ 5388087

■ 10452863

■ 3875106

■ 12229017

■ 2427916

■ 14070964

■ 0

■ 15978703

■ 16772331

■ 7032398

■ 7032398

■ 7029571

■ 7035225

■ 7027001

■ 7037795

7024174

7040622

7021347

7043449

7018520

7046276

7015950

7048846

7013123

7051673

7012352

7054500

7057070

# Harmonies

## Analogous

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



6835801



7032398



6836293

# Triad

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



7032398



4807240



4544362

# Complementary

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



7032398



5139307

# 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.



3824229



7032398



4086610

# Square

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



7032398



5592898



3693404



5461097

# Rectangle

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



7032398



6509122



3693404



4282473



# Sweetspot

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



7032398



9208193



7032427



4669504



13092807



4671303



# Same Dimension

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



7032398



9199198



7036238



3551280



7667712



16056320



# Inverse Universe

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



5139307



6196364



5135723



3159606



30069

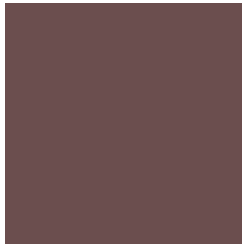


62965



# Previews

## White Background



This preview shows how the Decimal color 7032398 looks on a white background.

## Color Contrast Check

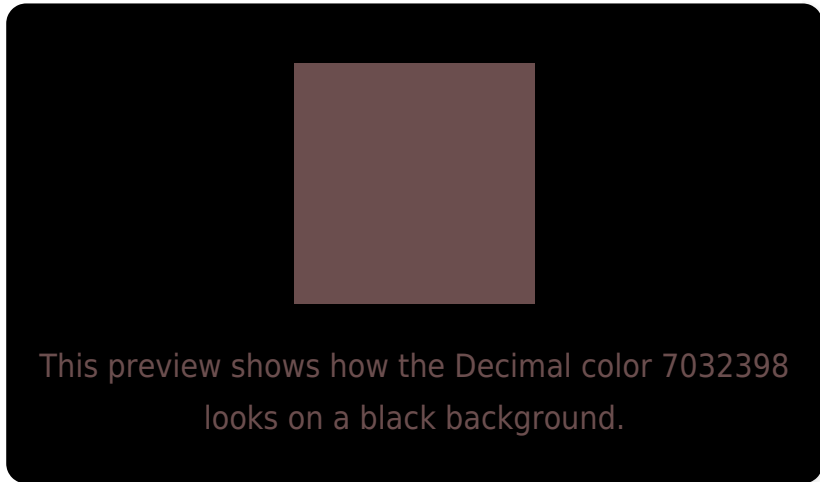
Large Text (above 18pt) WCAG AA ✓ Pass

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

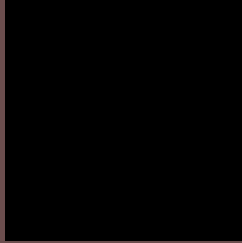
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 7032398 Background



This preview shows how black text looks on a background with the Decimal color 7032398.



This preview shows how white text looks on a background with the Decimal color 7032398.

# 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**  
7032398

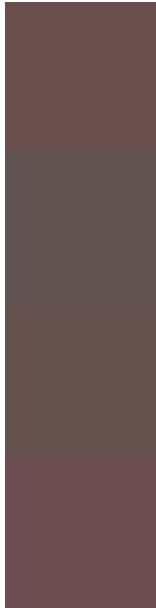
**Protanopia**  
5789010

**Deuteranopia**  
6378061



**Tritanopia**  
7097683

# Trichromacy



**Original Color**  
7032398

**Protanomaly**  
6246993

**Deuteranomaly**  
6639949

**Tritanomaly**  
7097681

# Monochromacy



**Original Color**  
7032398

**Achromatopsia**  
5723991

**Achromatomaly**  
6181972

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7032398 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 #6B4E4E looks like.

```
.text, #text, p{  
  color:#6B4E4E  
}
```

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 #6B4E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4E4E
}
```

## Border

The CSS property to change the border of an element to Decimal 7032398 is called "border". The border property can be set on classes, ids or directly on the HTML element.

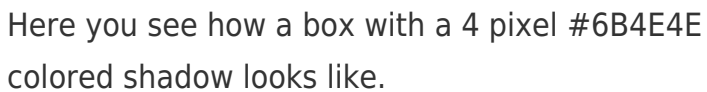
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4E4E }
```

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

```
.border{ border-color:#6B4E4E }
```

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



Here you see how a box with a 4 pixel #6B4E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4E4E; -webkit-box-shadow:4px 4px  
4px 4px #6B4E4E; box-shadow:4px 4px 4px  
4px #6B4E4E }
```

# Background

The CSS property to change the background color of an element to Decimal 7032398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4E4E }
```

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

```
.background{ background-color:#6B4E4E }
```

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