

# Converting Colors

Decimal(7815732)

Have a look what the booklet for  
Decimal(7815732) contains.

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**Color**

**Decimal(7815732)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774234
RGB	119, 66, 52
RGB Percent	47%, 26%, 20%
CMY	0.5333, 0.7412, 0.7961
CMYK	0.00, 0.45, 0.56, 0.53
HSL	13°, 39%, 34%
HSV	13°, 56%, 47%
XYZ	10.1758, 8.0663, 4.2694
YIQ	80.2510, 36.0820, 6.8820

# Conversions

## Conversions Part 2

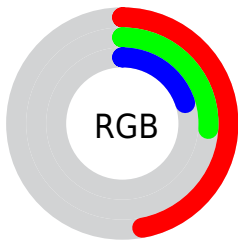
Format	Color
<b>R<sub>YB</sub></b>	119, 70, 52
Decimal	7815732
CIE Lab	34.12, 21.38, 18.47
CIE LCh	34, 28.253, 40.820
Yxy	8.0663, 0.4520, 0.3583
Android (android.graphics.Color)	4286005812 (0xFF774234)
YUV	80.2510, -13.9277, 33.9829
Hunter-Lab	28.4012, 14.2521, 10.9680

# Details

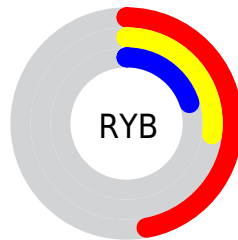
The Decimal color **7815732** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3434871**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **11432803**, and **4396295** is the 20% darker color. If you saturate the color by 10%, you get **7813416**, and if you desaturate by 10%, it is **7818048**.

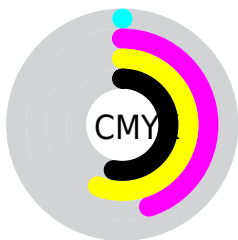
# Distribution



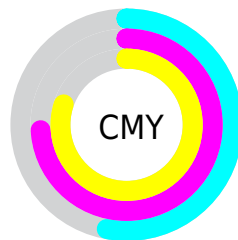
- Red (47%)
- Green (26%)
- Blue (20%)



- Red (47%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (53%)



- Cyan (53%)
- Magenta (74%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7815732 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 7815732 by changing the saturation by 10% instead.



 7815732

 7815732

16777215


 6105887

 11432803

 4396295

 13274492

 2818048

 15181717

 0

 16761520

 16768716

 16776168

 7815732

 7815732

 7813416

 7818048

■ 7810844

■ 7820620

■ 7808528

■ 7822936

■ 7805956

■ 7825508

■ 7805184

■ 7827823

■ 7830139

■ 7832711

■ 7835027

■ 7837599

# Harmonies

## Analogous

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



8076873



7815732



6965798

# Triad

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



7815732



1923905



3821692

# Complementary

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



7815732



3434871

# 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.



22394



7815732



23640

# Square

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



7815732



4020013



23405



6113138

# Rectangle

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



7815732



6115106



23405



2773629



# Sweetspot

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



7815732



10258305



7812202



5194559



13619151



5197647



# Same Dimension

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



7815732



10242098



7824180



3880501



8002048



16397312



# Inverse Universe

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



3434871



3311004



3426423



3488059



24954



50938



# Previews

## White Background



This preview shows how the Decimal color 7815732 looks on a white background.

## Color Contrast Check

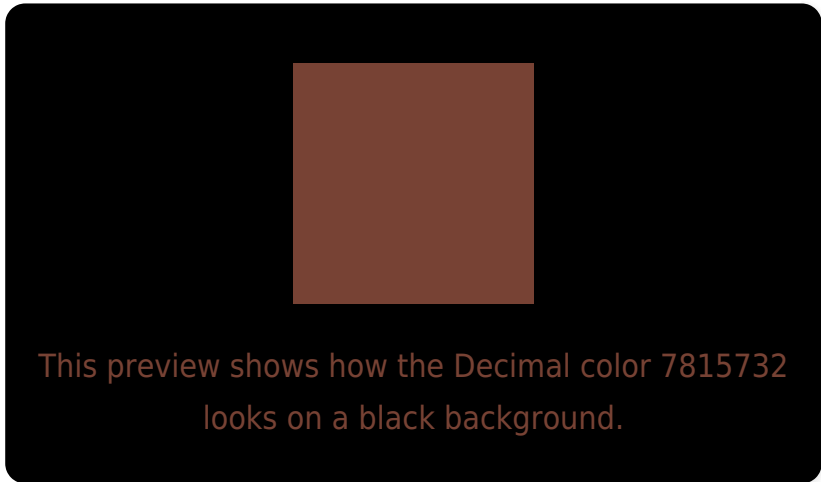
Large Text (above 18pt) WCAG AA ✓ Pass

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

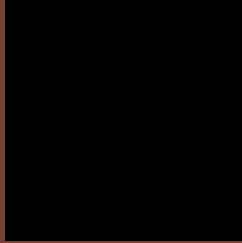
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7815732 Background



This preview shows how black text looks on a background with the Decimal color 7815732.

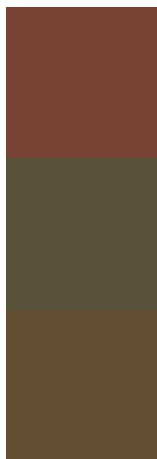


This preview shows how white text looks on a background with the Decimal color 7815732.

# 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**

7815732

**Protanopia**

5722426

**Deuteranopia**

6442290



**Tritanopia**  
7880772

# Trichromacy



**Original Color**  
7815732

**Protanomaly**  
6507576

**Deuteranomaly**  
6965555

**Tritanomaly**  
7881022

# Monochromacy



**Original Color**  
7815732

**Achromatopsia**  
5263440

**Achromatomaly**  
6179654

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7815732 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 #774234 looks like.

```
.text, #text, p{  
  color:#774234  
}
```

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 #774234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774234
}
```

## Border

The CSS property to change the border of an element to Decimal 7815732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

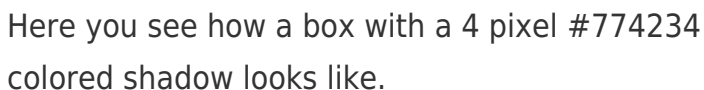
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774234 }
```

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

```
.border{ border-color:#774234 }
```

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



Here you see how a box with a 4 pixel #774234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774234; -webkit-box-shadow:4px 4px  
4px 4px #774234; box-shadow:4px 4px 4px  
4px #774234 }
```

# Background

The CSS property to change the background color of an element to Decimal 7815732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774234 }
```

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

```
.background{ background-color:#774234 }
```

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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