

# Converting Colors

Decimal(7948895)

Have a look what the booklet for  
Decimal(7948895) contains.

<b>Decimal(7948895)</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(7948895)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794A5F
RGB	121, 74, 95
RGB Percent	47%, 29%, 37%
CMY	0.5255, 0.7098, 0.6275
CMYK	0.00, 0.39, 0.21, 0.53
HSL	333°, 24%, 38%
HSV	333°, 39%, 47%
XYZ	12.3995, 9.7887, 12.0624
YIQ	90.4470, 21.2710, 16.4950

# Conversions

## Conversions Part 2

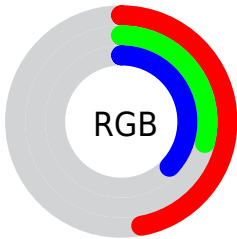
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 74, 95
Decimal	7948895
CIE Lab	37.46, 23.15, -3.88
CIE LCh	37, 23.476, 350.482
Yxy	9.7887, 0.3620, 0.2858
Android (android.graphics.Color)	4286138975 (0xFF794A5F)
YUV	90.4470, 2.2446, 26.7950
Hunter-Lab	31.2869, 15.9901, -0.9578

# Details

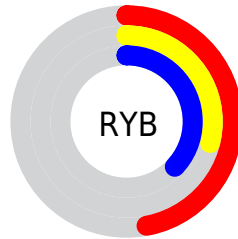
The Decimal color **7948895** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4880740**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **11435153**, and **4660273** is the 20% darker color. If you saturate the color by 10%, you get **7945816**, and if you desaturate by 10%, it is **7951974**.

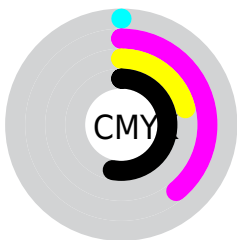
# Distribution



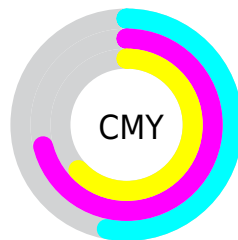
- Red (47%)
- Green (29%)
- Blue (37%)



- Red (47%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7948895 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 7948895 by changing the saturation by 10% instead.





7948895



7948895

16777215



6304583



11435153



4660273



13276844



3081756



15184071



1638401



16764131



0



16771327



7948895



7948895



7945816



7951974



7942738



7955052

7939659

7958131

7936580

7961210

7933502

7964544

7930167

7967623

7929910

7970702

7973781

7976859

# Harmonies

## Analogous

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



6967152



7948895



8211020

# Triad

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



7948895



5790516



1073269

# Complementary

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



7948895



4880740

# 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.



877157



7948895



4350015

# Square

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



7948895



6968627



2712145



3300477

# Rectangle

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



7948895



8015168



2712145



483696



# Sweetspot

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



7948895



10390420



6572665



5194825



13619151



5197647



# Same Dimension

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



7948895



10376309



7949386



4011834



8192056



16515185



# Inverse Universe

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



7948895



10376309



4880249



4011834



8192056

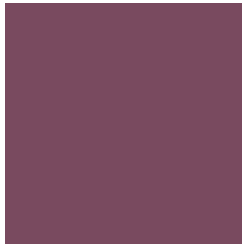


16515185



# Previews

## White Background



This preview shows how the Decimal color 7948895 looks on a white background.

## Color Contrast Check

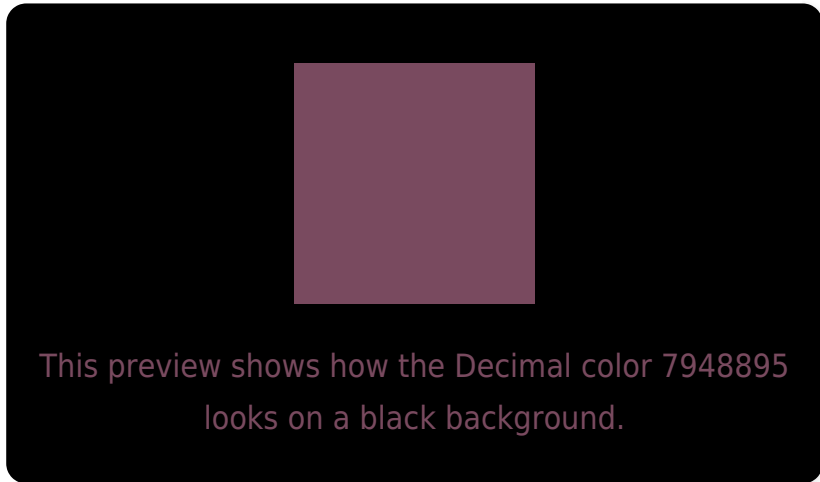
Large Text (above 18pt) WCAG AA ✓ Pass

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

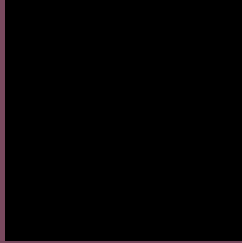
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7948895 Background



This preview shows how black text looks on a background with the Decimal color 7948895.



This preview shows how white text looks on a background with the Decimal color 7948895.

# 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**  
7948895

**Protanopia**  
5593192

**Deuteranopia**  
6248029



# Trichromacy



**Original Color**  
7948895

**Protanomaly**  
6443877

**Deuteranomaly**  
6836830

**Tritanomaly**  
7883607

# Monochromacy



**Original Color**  
7948895

**Achromatopsia**  
5921370

**Achromatomaly**  
6640732

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7948895 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 #794A5F looks like.

```
.text, #text, p{  
  color:#794A5F  
}
```

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 #794A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794A5F
}
```

## Border

The CSS property to change the border of an element to Decimal 7948895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

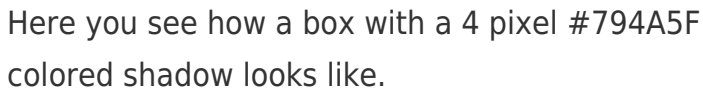
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794A5F }
```

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

```
.border{ border-color:#794A5F }
```

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



Here you see how a box with a 4 pixel #794A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794A5F; -webkit-box-shadow:4px 4px  
4px 4px #794A5F; box-shadow:4px 4px 4px  
4px #794A5F }
```

# Background

The CSS property to change the background color of an element to Decimal 7948895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794A5F }
```

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

```
.background{ background-color:#794A5F }
```

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