

# Converting Colors

Decimal(10047293)

Have a look what the booklet for  
Decimal(10047293) contains.

|  |    |
|--|----|
| <b>Decimal(10047293)</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(10047293)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 994F3D                    |
| RGB           | 153, 79, 61               |
| RGB Percent   | 60%, 31%, 24%             |
| CMY           | 0.4000, 0.6902, 0.7608    |
| CMYK          | 0.00, 0.48, 0.60, 0.40    |
| HSL           | 12°, 43%, 42%             |
| HSV           | 12°, 60%, 60%             |
| XYZ           | 16.7752, 12.7012, 5.9823  |
| YIQ           | 99.0740, 49.8820, 10.0900 |

# Conversions

## Conversions Part 2

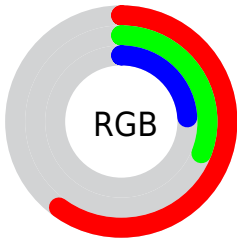
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 153, 83, 61                   |
| Decimal                             | 10047293                      |
| CIE Lab                             | 42.31, 29.13, 24.50           |
| CIE LCh                             | 42, 38.065, 40.066            |
| Yxy                                 | 12.7012, 0.4731,<br>0.3582    |
| Android<br>(android.graphics.Color) | 4288237373<br>(0xFF994F3D)    |
| YUV                                 | 99.0740, -18.7705,<br>47.2931 |
| Hunter-Lab                          | 35.6387, 21.6522,<br>14.9947  |

# Details

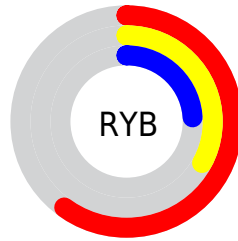
The Decimal color **10047293** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4032409**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **13861485**, and **6364946** is the 20% darker color. If you saturate the color by 10%, you get **10044206**, and if you desaturate by 10%, it is **10050380**.

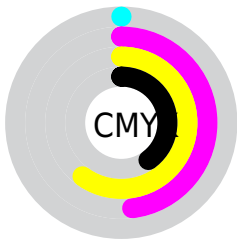
# Distribution



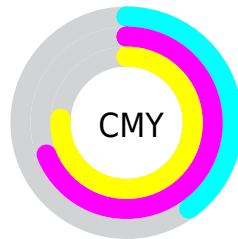
- Red (60%)
- Green (31%)
- Blue (24%)



- Red (60%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10047293 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 10047293 by changing the saturation by 10% instead.



 10047293

 10047293

16777215

 8206119

 13861485

 6364946

 15834246

 4654592

 16758688

 3014656

 16765884

 0

 16773335

 16777204

 10047293

 10047293

 10044206

 10050380

■ 10040862

■ 10053724

■ 10037775

■ 10056811

■ 10034688

■ 10059898

■ 10063242

■ 10066329

■ 10069416

■ 10072503

■ 10075847

# Harmonies

## Analogous

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



10373210



10047293



8870696

# Triad

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



10047293



1208909



4154530

# Complementary

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



10047293



4032409

# 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.



28062



10047293



29806

# Square

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



10047293



4877618



29323



7624596

# Rectangle

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



10047293



7692834



29323



2189219



# Sweetspot

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



10047293



13085347



10042760



6509134



14935011



6513507



# Same Dimension

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



10047293



13063224



10058813



5064261



9181952



852480



# Inverse Universe

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



4032409



3713991



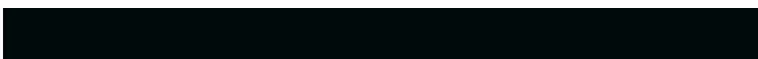
4020889



4541261



29068



2573



# Previews

## White Background



This preview shows how the Decimal color 10047293 looks on a white background.

## Color Contrast Check

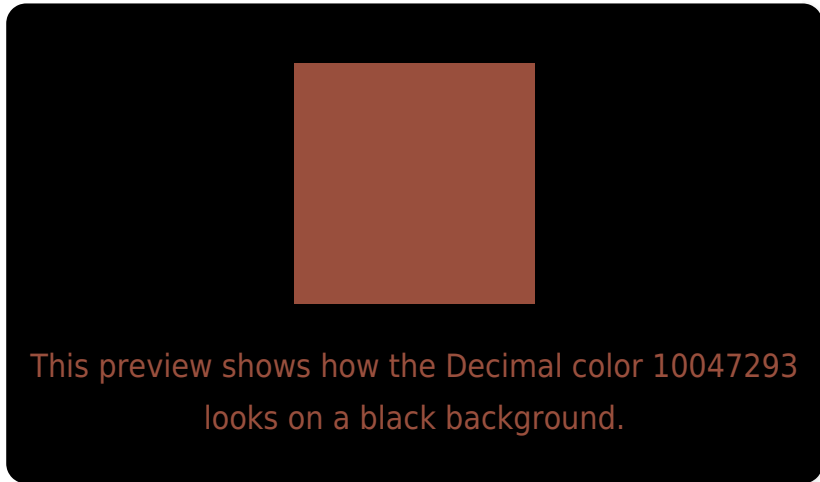
Large Text (above 18pt) WCAG AA ✓ Pass

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

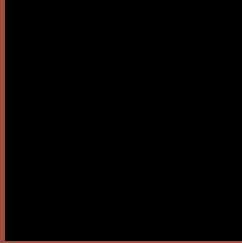
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10047293 Background



This preview shows how black text looks on a background with the Decimal color 10047293.



This preview shows how white text looks on a background with the Decimal color 10047293.

# 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





# Trichromacy



**Original Color**  
10047293

**Protanomaly**  
8215618

**Deuteranomaly**  
8739387

**Tritanomaly**  
10112330

# Monochromacy



**Original Color**  
10047293

**Achromatopsia**  
6513507

**Achromatomaly**  
7822421

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10047293 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 #994F3D looks like.

```
.text, #text, p{  
  color:#994F3D  
}
```

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 #994F3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #994F3D
}
```

## Border

The CSS property to change the border of an element to Decimal 10047293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

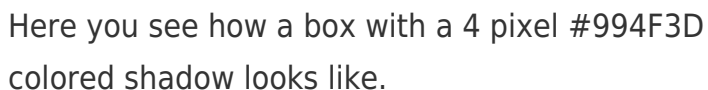
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#994F3D }
```

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

```
.border{ border-color:#994F3D }
```

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



Here you see how a box with a 4 pixel #994F3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #994F3D; -webkit-box-shadow:4px 4px  
4px 4px #994F3D; box-shadow:4px 4px 4px  
4px #994F3D }
```

# Background

The CSS property to change the background color of an element to Decimal 10047293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#994F3D }
```

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

```
.background{ background-color:#994F3D }
```

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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