

Converting Colors

Decimal(8004387)

Have a look what the booklet for
Decimal(8004387) contains.

Decimal(8004387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8004387)

Conversions

Conversions Part 1

Format	Color
Hex	7A2323
RGB	122, 35, 35
RGB Percent	48%, 14%, 14%
CMY	0.5216, 0.8627, 0.8627
CMYK	0.00, 0.71, 0.71, 0.52
HSL	0°, 55%, 31%
HSV	0°, 71%, 48%
XYZ	8.9304, 5.4610, 2.1735
YIQ	61.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

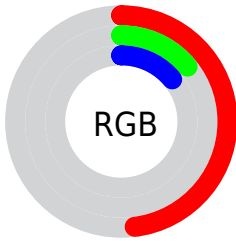
Format	Color
R _Y B	122, 35, 35
Decimal	8004387
CIE Lab	28.01, 37.61, 21.63
CIE LCh	28, 43.385, 29.897
Yxy	5.4610, 0.5391, 0.3297
Android (android.graphics.Color)	4286194467 (0xFF7A2323)
YUV	61.0130, -12.8244, 53.4856
Hunter-Lab	23.3688, 27.3190, 10.8436

Details

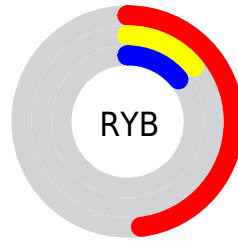
The Decimal color **8004387** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2325114**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **11818576**, and **4390912** is the 20% darker color. If you saturate the color by 10%, you get **8001303**, and if you desaturate by 10%, it is **8007471**.

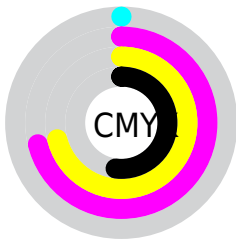
Distribution



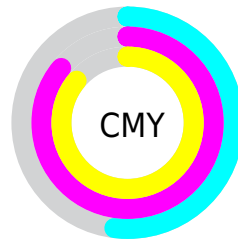
- Red (48%)
- Green (14%)
- Blue (14%)



- Red (48%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8004387 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 8004387 by changing the saturation by 10% instead.

8004387

8004387

16777215

6161678

11818576

4390912

13725544

2752513

15698561

0

16754075

16761014

16768465

16775918

8004387

8004387

■ 8001303

■ 8007471

■ 7998219

■ 8010555

■ 7995392

■ 8013896

■ 8016980

■ 8020064

■ 8023148

■ 8026232

■ 8029573

■ 8032657

Harmonies

Analogous

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



8068164



8004387



6959875

Triad

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



8004387



20254



18053

Complementary

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



8004387



2325114

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.



20092



8004387



20801

Square

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



8004387



3164672



20835



4143484

Rectangle

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



8004387



5913856



20835



18820

Sweetspot

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



8004387



10386813



8004474



5192507



13619151



5197647

Same Dimension

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



8004387



10360342



8015651



4011831



8192000



16515072

Inverse Universe

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



2325114



1482398



2314106



3620157



32125



64764

Previews

White Background



This preview shows how the Decimal color 8004387 looks on a white background.

Color Contrast Check

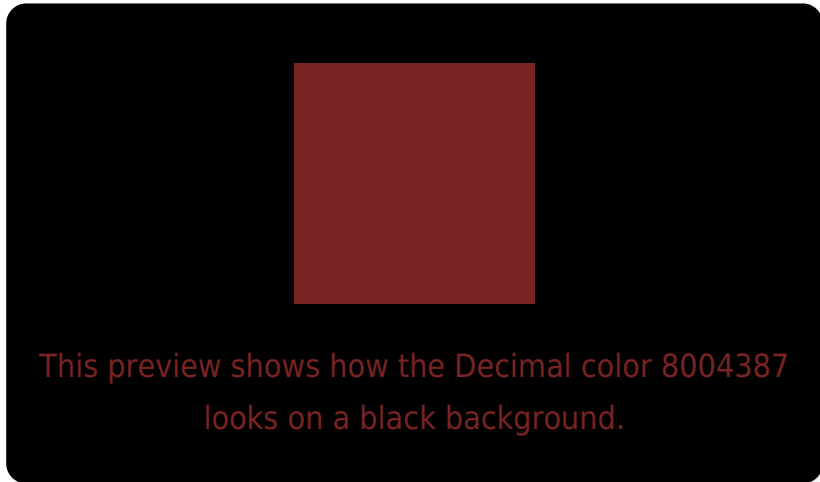
Large Text (above 18pt) WCAG AA ✓ Pass

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 8004387 Background



This preview shows how black text looks on a background with the Decimal color 8004387.

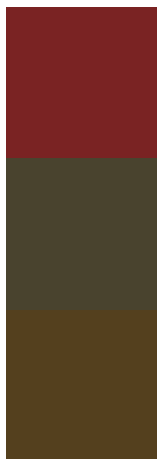


This preview shows how white text looks on a background with the Decimal color 8004387.

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
8004387

Protanopia
4801326

Deuteranopia
5521438

Trichromacy



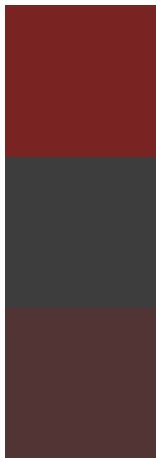
Original Color
8004387

Protanomaly
5977898

Deuteranomaly
6436128

Tritanomaly
8004388

Monochromacy



Original Color
8004387

Achromatopsia
4013373

Achromatomaly
5452852

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8004387 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 #7A2323 looks like.

```
.text, #text, p{  
  color:#7A2323  
}
```

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 #7A2323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2323
}
```

Border

The CSS property to change the border of an element to Decimal 8004387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

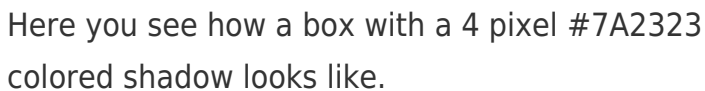
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2323 }
```

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

```
.border{ border-color:#7A2323 }
```

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



Here you see how a box with a 4 pixel #7A2323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2323; -webkit-box-shadow:4px 4px  
4px 4px #7A2323; box-shadow:4px 4px 4px  
4px #7A2323 }
```

Background

The CSS property to change the background color of an element to Decimal 8004387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2323 }
```

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

```
.background{ background-color:#7A2323 }
```

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