

Converting Colors

Decimal(4798976)

Have a look what the booklet for
Decimal(4798976) contains.

Decimal(4798976)	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(4798976)

Conversions

Conversions Part 1

Format	Color
Hex	493A00
RGB	73, 58, 0
RGB Percent	29%, 23%, 0%
CMY	0.7137, 0.7725, 1.0000
CMYK	0.00, 0.21, 1.00, 0.71
HSL	48°, 100%, 14%
HSV	48°, 100%, 29%
XYZ	4.2607, 4.4426, 0.6329
YIQ	55.8730, 27.5580, -14.8580

Conversions

Conversions Part 2

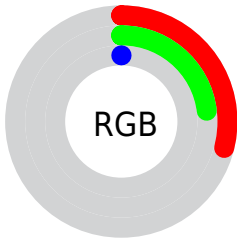
Format	Color
R_YB	19, 73, 0
Decimal	4798976
CIE Lab	25.08, 0.53, 34.19
CIE LCh	25, 34.199, 89.109
Yxy	4.4426, 0.4564, 0.4758
Android (android.graphics.Color)	4282989056 (0xFF493A00)
YUV	55.8730, -27.5454, 15.0204
Hunter-Lab	21.0774, -0.8025, 12.9738

Details

The Decimal color **4798976** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3913**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **8218928**, and **1576960** is the 20% darker color. If you saturate the color by 10%, you get **4798976**, and if you desaturate by 10%, it is **4799239**.

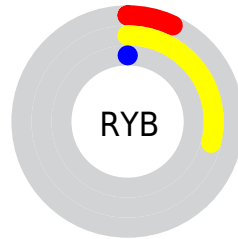
Distribution



Red (29%)

Green (23%)

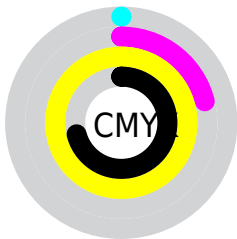
Blue (0%)



Red (7%)

Yellow (29%)

Blue (0%)

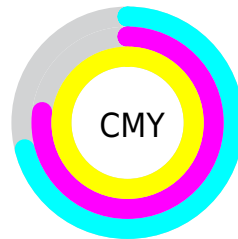


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4798976 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 4798976 by changing the saturation by 10% instead.

 4798976

 4798976

 16777191

 3220736

 8218928

 1576960

 9994824

 0

 11770976

 13612922

 15520404

 16772783

 16777162

 4798976

■ 4799239

■ 4799759

■ 4800278

■ 4800541

■ 4801061

■ 4801324

■ 4801843

■ 4802106

■ 4802626

Harmonies

Analogous

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



6107150



4798976



3096840

Triad

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



4798976



18260



5908822

Complementary

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



4798976



3913

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.



3749225



4798976



17768

Square

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



4798976



18234



16239



6824509

Rectangle

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



4798976



1590295



16239



5320030

Sweetspot

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



4798976



6183234



4784144



3157279



11579568



3158064

Same Dimension

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



4798976



6179584



3426560



2368288



6508288



14922752

Inverse Universe

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



3913



4958



1376329



2105636



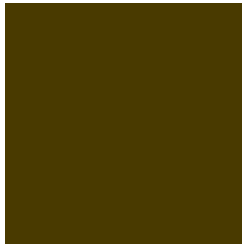
5219



12259

Previews

White Background



This preview shows how the Decimal color 4798976 looks on a white background.

Color Contrast Check

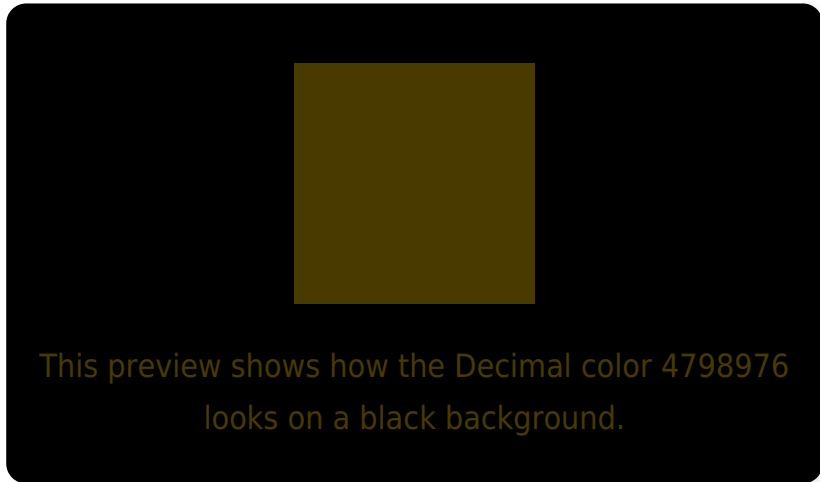
Large Text (above 18pt) WCAG AA ✓ Pass

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

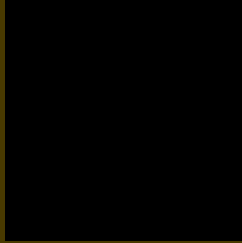
Any Text WCAG AA × Fail

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 4798976 Background



This preview shows how black text looks on a background with the Decimal color 4798976.

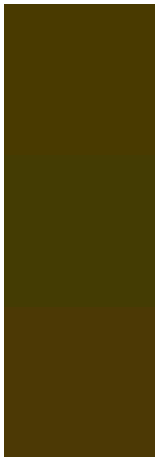


This preview shows how white text looks on a background with the Decimal color 4798976.

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
4798976

Protanopia
4471811

Deuteranopia
4995333



Tritanopia
4994618

Trichromacy



Original Color

4798976

Protanomaly

4602626

Deuteranomaly

4929795

Tritanomaly

4929317

Monochromacy



Original Color

4798976

Achromatopsia

3684408

Achromatomaly

4077860

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4798976 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 #493A00 looks like.

```
.text, #text, p{  
    color:#493A00  
}
```

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 #493A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493A00
}
```

Border

The CSS property to change the border of an element to Decimal 4798976 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
#493A00 }
```

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

```
.border{ border-color:#493A00 }
```

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

Here you see how a box with a 4 pixel #493A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493A00; -webkit-box-shadow:4px 4px  
4px 4px #493A00; box-shadow:4px 4px 4px  
4px #493A00 }
```

Background

The CSS property to change the background color of an element to Decimal 4798976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493A00 }
```

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

```
.background{ background-color:#493A00 }
```

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