

# Converting Colors

Decimal(4787500)

Have a look what the booklet for  
Decimal(4787500) contains.

<b>Decimal(4787500)</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(4787500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	490D2C
RGB	73, 13, 44
RGB Percent	29%, 5%, 17%
CMY	0.7137, 0.9490, 0.8275
CMYK	0.00, 0.82, 0.40, 0.71
HSL	329°, 70%, 17%
HSV	329°, 82%, 29%
XYZ	3.3462, 1.8862, 2.5706
YIQ	34.4740, 25.8090, 22.3610

# Conversions

## Conversions Part 2

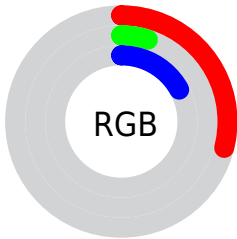
Format	Color
<b>R<sub>YB</sub></b>	73, 13, 44
Decimal	4787500
CIE Lab	14.88, 30.78, -4.14
CIE LCh	15, 31.054, 352.345
Yxy	1.8862, 0.4288, 0.2417
Android (android.graphics.Color)	4282977580 (0xFF490D2C)
YUV	34.4740, 4.6963, 33.7873
Hunter-Lab	13.7338, 19.4570, -1.4838

# Details

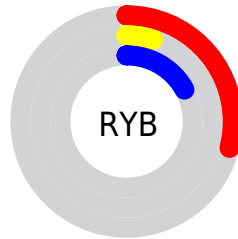
The Decimal color **4787500** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **870698**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **8142425**, and **1310720** is the 20% darker color. If you saturate the color by 10%, you get **4785704**, and if you desaturate by 10%, it is **4789296**.

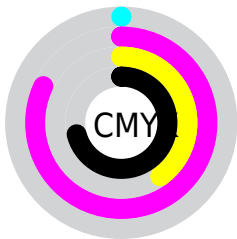
# Distribution



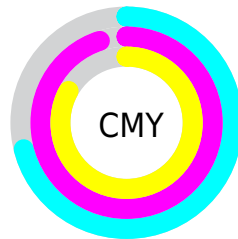
- Red (29%)
- Green (5%)
- Blue (17%)



- Red (29%)
- Yellow (5%)
- Blue (17%)



- Cyan (0%)
- Magenta (82%)
- Yellow (40%)
- Black (71%)



- Cyan (71%)
- Magenta (95%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4787500 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 4787500 by changing the saturation by 10% instead.



 4787500

 4787500

 16775423

 3211288

 8142425

 1310720

 9918066

 0

 11759499

 13601190

 15508673

 16760797

 16767993

 4787500

 4787500

■ 4785704

■ 4789296

■ 4784166

■ 4791347

■ 4793143

■ 4794938

■ 4796734

■ 4798785

■ 4800581

■ 4802376

■ 4804428

# Harmonies

## Analogous

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



3807040



4787500



4918806

# Triad

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



4787500



2173184



11848

# Complementary

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



4787500



870698

# 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.



12085



4787500



77061

# Square

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



4787500



3416576



12063



10833

# Rectangle

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



4787500



4658436



12063



11843



# Sweetspot

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



4787500



6178643



2755913



3154473



11579568



3158064



# Same Dimension

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



4787500



6160689



4787470



2367522



6488115



14876789



# Inverse Universe

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



4787500



6160689



870728



2367522



6488115

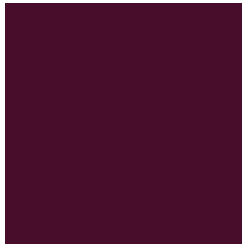


14876789



# Previews

## White Background



This preview shows how the Decimal color 4787500 looks on a white background.

## Color Contrast Check

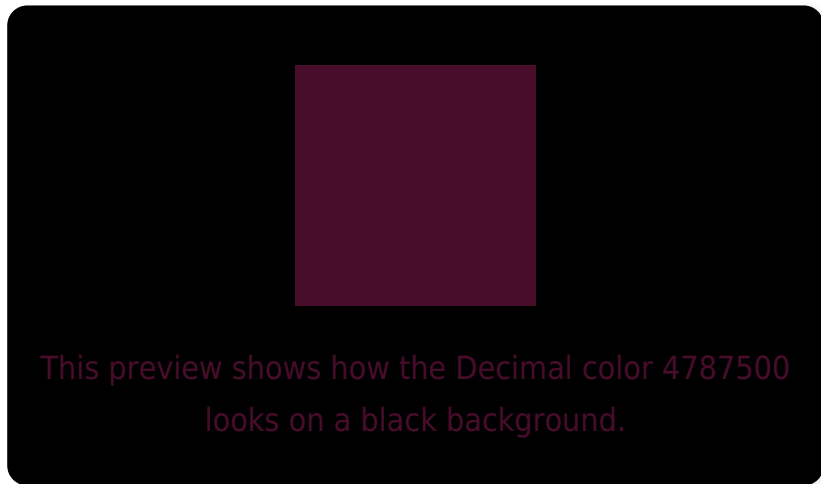
Large Text (above 18pt) WCAG AA ✓ Pass

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

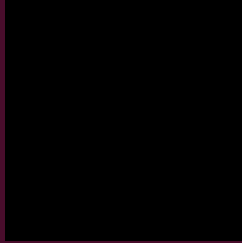
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4787500 Background



This preview shows how black text looks on a background with the Decimal color 4787500.



This preview shows how white text looks on a background with the Decimal color 4787500.

# 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**  
4787500

**Protanopia**  
2107196

**Deuteranopia**  
2827817



**Tritanopia**  
4723990

# Trichromacy



**Original Color**

4787500

**Protanomaly**

3087926

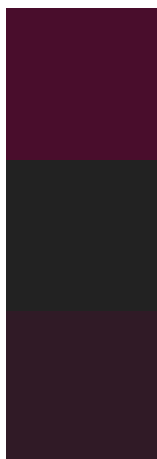
**Deuteranomaly**

3546410

**Tritanomaly**

4723230

# Monochromacy



**Original Color**

4787500

**Achromatopsia**

2236962

**Achromatomaly**

3152422

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4787500 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 #490D2C looks like.

```
.text, #text, p{  
    color:#490D2C  
}
```

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 #490D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490D2C
}
```

## Border

The CSS property to change the border of an element to Decimal 4787500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

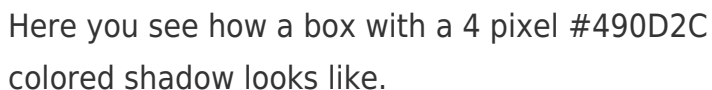
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490D2C }
```

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

```
.border{ border-color:#490D2C }
```

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



Here you see how a box with a 4 pixel #490D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490D2C; -webkit-box-shadow:4px 4px  
4px 4px #490D2C; box-shadow:4px 4px 4px  
4px #490D2C }
```

# Background

The CSS property to change the background color of an element to Decimal 4787500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490D2C }
```

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

```
.background{ background-color:#490D2C }
```

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