

# Converting Colors

Decimal(4723968)

Have a look what the booklet for  
Decimal(4723968) contains.

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**Color**

**Decimal(4723968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481500
RGB	72, 21, 0
RGB Percent	28%, 8%, 0%
CMY	0.7176, 0.9176, 1.0000
CMYK	0.00, 0.71, 1.00, 0.72
HSL	18°, 100%, 14%
HSV	18°, 100%, 28%
XYZ	2.9407, 1.9140, 0.2145
YIQ	33.8550, 37.1370, 4.2810

# Conversions

## Conversions Part 2

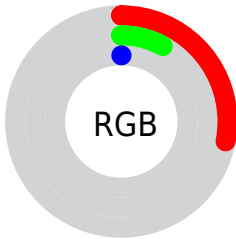
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 30, 0
Decimal	4723968
CIE Lab	15.03, 23.22, 22.85
CIE LCh	15, 32.573, 44.537
Yxy	1.9140, 0.5801, 0.3776
Android (android.graphics.Color)	4282914048 (0xFF481500)
YUV	33.8550, -16.6905, 33.4532
Hunter-Lab	13.8349, 13.7296, 8.7654

# Details

The Decimal color **4723968** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **13128**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **8209199**, and **327680** is the 20% darker color. If you saturate the color by 10%, you get **4723968**, and if you desaturate by 10%, it is **4725255**.

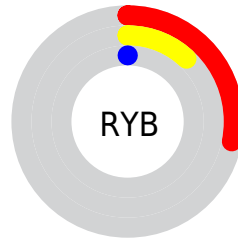
# Distribution



Red (28%)

Green (8%)

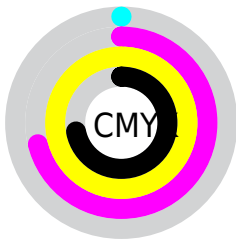
Blue (0%)



Red (28%)

Yellow (12%)

Blue (0%)

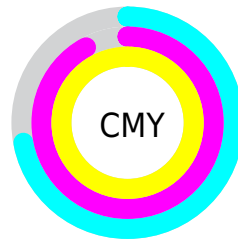


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4723968 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 4723968 by changing the saturation by 10% instead.



 4723968

 4723968

 16776418

 3014656

 8209199

 327680

 10050374

 0

 11891549

 13798774

 15706256

 16761771

 16768966

 4723968

■ 4725255

■ 4726542

■ 4727830

■ 4729117

■ 4730660

■ 4731947

■ 4733234

■ 4734522

■ 4735809

# Harmonies

## Analogous

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



5114396



4723968



3809280

# Triad

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



4723968



12057



9555

# Complementary

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



4723968



13128

# 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.



11346



4723968



12337

# Square

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



4723968



732416



12102



3414599

# Rectangle

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



4723968



2958848



12102



10324



# Sweetspot

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



4723968



6179394



4718644



3154975



11579568



3158064



# Same Dimension

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



4723968



6167552



4732928



2367776



6495488



14893568



# Inverse Universe

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



13128



17246



4168



2106148



18019

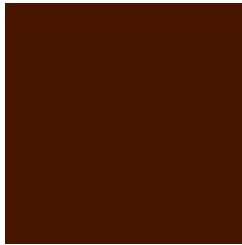


41443



# Previews

## White Background



This preview shows how the Decimal color 4723968 looks on a white background.

## Color Contrast Check

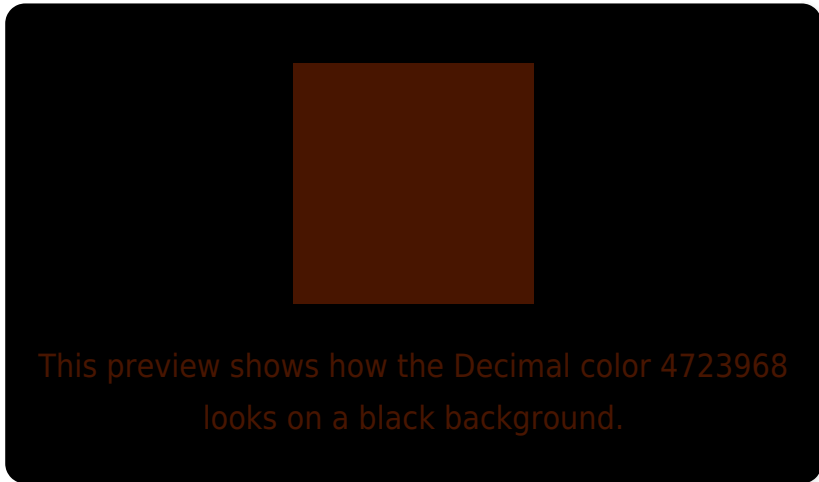
Large Text (above 18pt) WCAG AA ✓ Pass

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

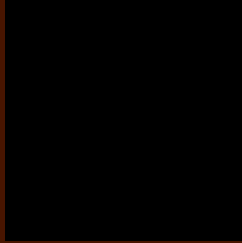
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4723968 Background



This preview shows how black text looks on a background with the Decimal color 4723968.

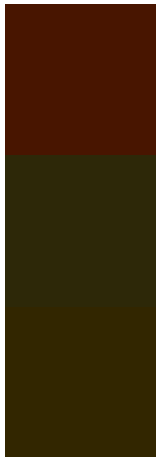


This preview shows how white text looks on a background with the Decimal color 4723968.

# 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**  
4723968

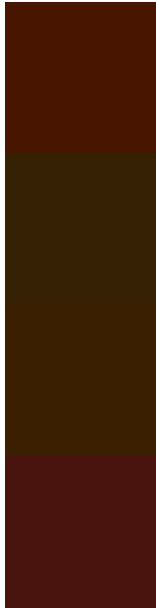
**Protanopia**  
2959368

**Deuteranopia**  
3286528



**Tritanopia**  
4723732

# Trichromacy



**Original Color**  
4723968

**Protanomaly**  
3612933

**Deuteranomaly**  
3809280

**Tritanomaly**  
4723725

# Monochromacy



**Original Color**  
4723968

**Achromatopsia**  
2236962

**Achromatomaly**  
3153174

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4723968 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 #481500 looks like.

```
.text, #text, p{  
    color:#481500  
}
```

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 #481500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481500
}
```

## Border

The CSS property to change the border of an element to Decimal 4723968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

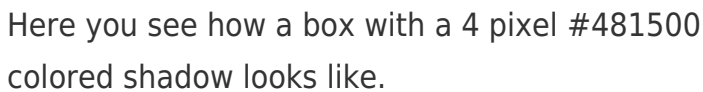
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481500 }
```

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

```
.border{ border-color:#481500 }
```

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



Here you see how a box with a 4 pixel #481500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481500; -webkit-box-shadow:4px 4px  
4px 4px #481500; box-shadow:4px 4px 4px  
4px #481500 }
```

# Background

The CSS property to change the background color of an element to Decimal 4723968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481500 }
```

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

```
.background{ background-color:#481500 }
```

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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