

# Converting Colors

Decimal(4930636)

Have a look what the booklet for  
Decimal(4930636) contains.

<b>Decimal(4930636)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4930636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B3C4C
RGB	75, 60, 76
RGB Percent	29%, 24%, 30%
CMY	0.7059, 0.7647, 0.7020
CMYK	0.01, 0.21, 0.00, 0.70
HSL	296°, 12%, 27%
HSV	296°, 21%, 30%
XYZ	5.8220, 5.2494, 7.5439
YIQ	66.3090, 3.8040, 8.1560

# Conversions

## Conversions Part 2

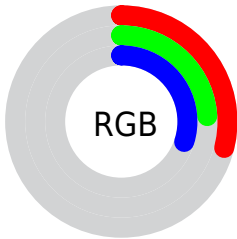
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 60, 76
Decimal	4930636
CIE Lab	27.43, 9.88, -7.26
CIE LCh	27, 12.262, 323.708
Yxy	5.2494, 0.3128, 0.2820
Android (android.graphics.Color)	4283120716 (0xFF4B3C4C)
<b>YUV</b>	66.3090, 4.7777, 7.6220
Hunter-Lab	22.9115, 5.2633, -3.4838

# Details

The Decimal color **4930636** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4017212**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **8153981**, and **2036256** is the 20% darker color. If you saturate the color by 10%, you get **4928588**, and if you desaturate by 10%, it is **4932684**.

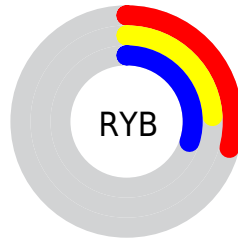
# Distribution



 Red (29%)

 Green (24%)

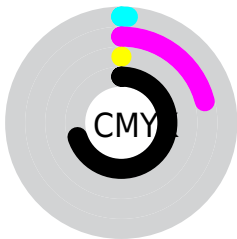
 Blue (30%)



 Red (29%)

 Yellow (24%)

 Blue (30%)

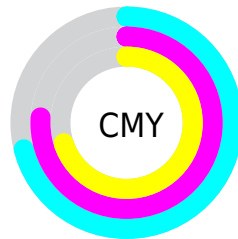



 Cyan (1%)


 Magenta (21%)

 Yellow (0%)

 Black (70%)



 Cyan (71%)

 Magenta (76%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4930636 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 4930636 by changing the saturation by 10% instead.



■ 4930636

■ 4930636

16777215

■ 3417653

■ 8153981

■ 2036256

■ 9864599

■ 7

■ 11640753

■ 0

■ 13417165

■ 15259113

■ 16773887

■ 4930636

■ 4930636

■ 4928588

■ 4932684

■ 4861260

■ 5000012

■ 4859212

■ 5002060

■ 4791884

■ 5069388

■ 4789836

■ 5071436

■ 4722252

■ 5139020

■ 4720460

■ 5140812

■ 4653132

■ 5208396

■ 5210188

# Harmonies

## Analogous

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



4210514



4930636



5388867

# Triad

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



4930636



4865838



2508360

# Complementary

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



4930636



4017212

# 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.



2836030



4930636



4211503

# Square

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



4930636



5323826



3491125



2639184

# Rectangle

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



4930636



5519933



3491125



2573893



# Sweetspot

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



4930636



6511971



3947852



3354419



11776947



3355443



# Same Dimension

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



4930636



6441827



4996165



2499110



6291558



14090470



# Inverse Universe

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



4996157



6507340



3951683



2499107



6684678



15073294



# Previews

## White Background



This preview shows how the Decimal color 4930636 looks on a white background.

## Color Contrast Check

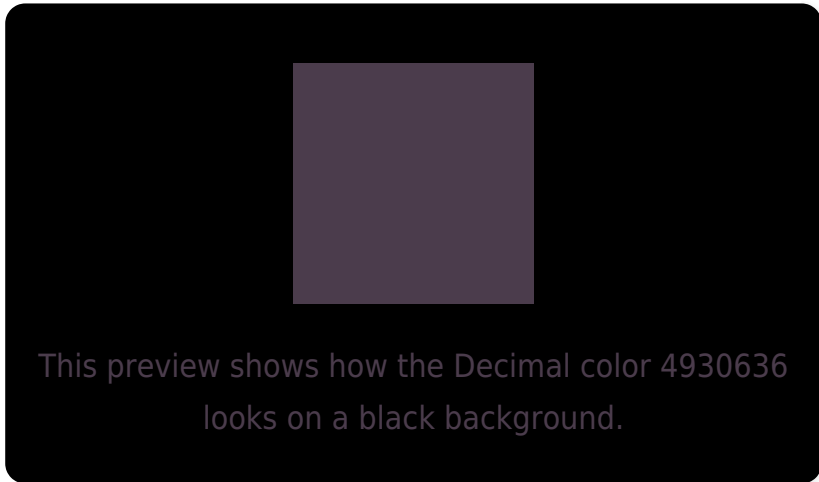
Large Text (above 18pt) WCAG AA ✓ Pass

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

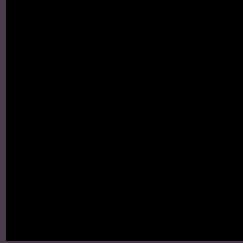
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4930636 Background



This preview shows how black text looks on a background with the Decimal color 4930636.

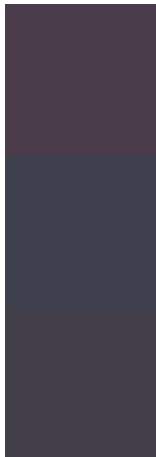


This preview shows how white text looks on a background with the Decimal color 4930636.

# 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](#).

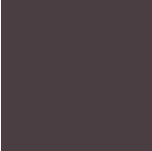
## Dichromacy



**Original Color**  
4930636

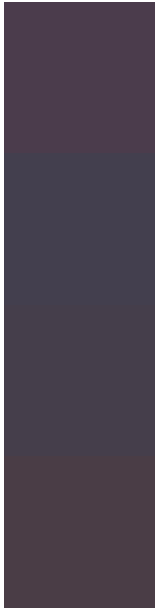
**Protanopia**  
4079695

**Deuteranopia**  
4341579



**Tritanopia**  
4865603

# Trichromacy



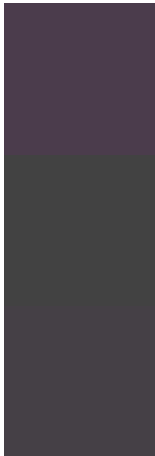
**Original Color**  
4930636

**Protanomaly**  
4407118

**Deuteranomaly**  
4537931

**Tritanomaly**  
4865350

# Monochromacy



**Original Color**  
4930636

**Achromatopsia**  
4342338

**Achromatomaly**  
4538438

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4930636 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 #4B3C4C looks like.

```
.text, #text, p{  
    color:#4B3C4C  
}
```

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 #4B3C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3C4C
}
```

## Border

The CSS property to change the border of an element to Decimal 4930636 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".

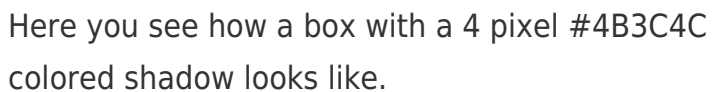
```
.border, #border, table{ border:4px solid
#4B3C4C }
```

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

```
.border{ border-color:#4B3C4C }
```

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

Here you see how a box with a 4 pixel #4B3C4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3C4C; -webkit-box-shadow:4px 4px  
4px 4px #4B3C4C; box-shadow:4px 4px 4px  
4px #4B3C4C }
```

# Background

The CSS property to change the background color of an element to Decimal 4930636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3C4C }
```

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

```
.background{ background-color:#4B3C4C }
```

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