

# Converting Colors

Decimal(4530738)

Have a look what the booklet for  
Decimal(4530738) contains.

<b>Decimal(4530738)</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(4530738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	452232
RGB	69, 34, 50
RGB Percent	27%, 13%, 20%
CMY	0.7294, 0.8667, 0.8039
CMYK	0.00, 0.51, 0.28, 0.73
HSL	333°, 34%, 20%
HSV	333°, 51%, 27%
XYZ	3.6020, 2.6396, 3.3373
YIQ	46.2890, 15.7240, 12.3960

# Conversions

## Conversions Part 2

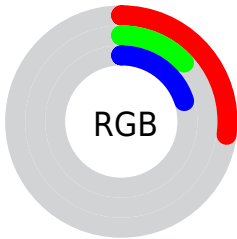
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 34, 50
Decimal	4530738
CIE <sub>Lab</sub>	18.54, 19.07, -3.04
CIE <sub>LCh</sub>	19, 19.316, 350.941
Yxy	2.6396, 0.3760, 0.2756
Android (android.graphics.Color)	4282720818 (0xFF452232)
YUV	46.2890, 1.8295, 19.9175
Hunter-Lab	16.2467, 11.1428, -0.8061

# Details

The Decimal color **4530738** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2245941**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7753568**, and **1638402** is the 20% darker color. If you saturate the color by 10%, you get **4528942**, and if you desaturate by 10%, it is **4532534**.

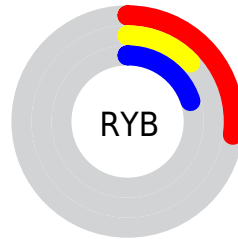
# Distribution



Red (27%)

Green (13%)

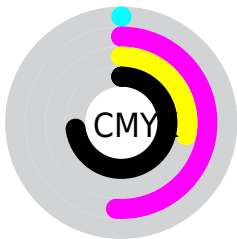
Blue (20%)



Red (27%)

Yellow (13%)

Blue (20%)

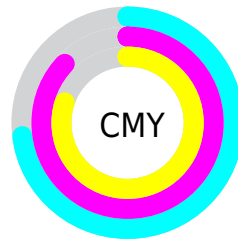


Cyan (0%)

Magenta (51%)

Yellow (28%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4530738 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 4530738 by changing the saturation by 10% instead.





4530738



4530738

16777215



3018013



7753568



1638402



9529465



0



11239827



13081517



14923465



16765669



16772863



4530738



4530738

■ 4528942

■ 4532534

■ 4527147

■ 4534329

■ 4525351

■ 4536125

■ 4523555

■ 4537921

■ 4522016

■ 4539717

■ 4541256

■ 4543052

■ 4544848

■ 4546644

# Harmonies

## Analogous

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



3810879



4530738



4727332

# Triad

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



4530738



2895634



13122

# Complementary

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



4530738



2245941

# 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.



13367



4530738



1847835

# Square

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



4530738



3746577



275496



602185

# Rectangle

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



4530738



4531228



275496



13375



# Sweetspot

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



4530738



5852242



3482181



3024425



11382189



3026478



# Same Dimension

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



4530738



5841724



4530978



2367522



6488109



14876776



# Inverse Universe

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



4530738



5841724



2245701



2367522



6488109

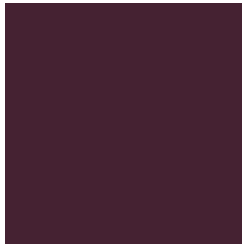


14876776



# Previews

## White Background



This preview shows how the Decimal color 4530738 looks on a white background.

## Color Contrast Check

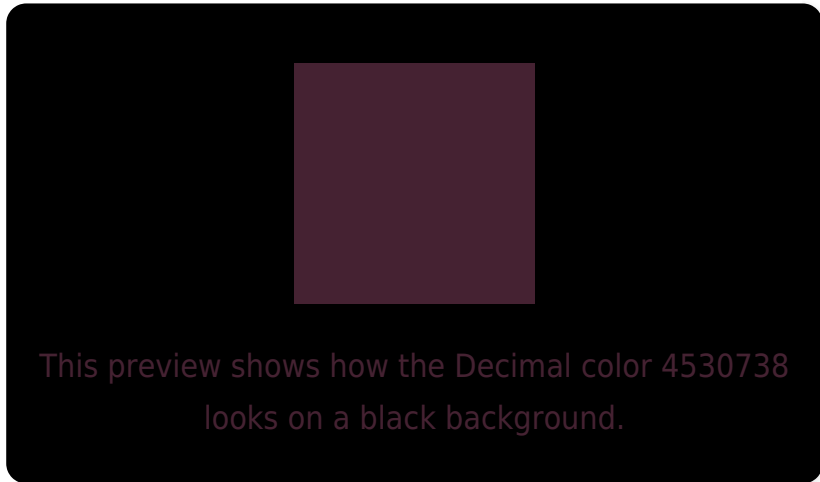
Large Text (above 18pt) WCAG AA ✓ Pass

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

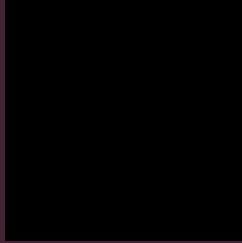
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4530738 Background



This preview shows how black text looks on a background with the Decimal color 4530738.



This preview shows how white text looks on a background with the Decimal color 4530738.

# 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**  
4530738

**Protanopia**  
2829625

**Deuteranopia**  
3222576



**Tritanopia**  
4465703

# Trichromacy



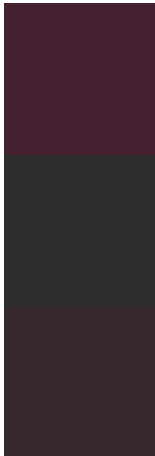
**Original Color**  
4530738

**Protanomaly**  
3418422

**Deuteranomaly**  
3680305

**Tritanomaly**  
4465451

# Monochromacy



**Original Color**  
4530738

**Achromatopsia**  
3026478

**Achromatomaly**  
3549743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4530738 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 #452232 looks like.

```
.text, #text, p{  
    color:#452232  
}
```

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 #452232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452232
}
```

## Border

The CSS property to change the border of an element to Decimal 4530738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

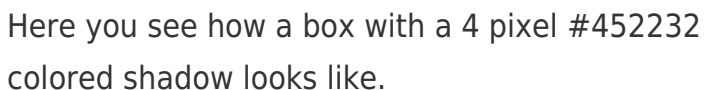
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452232 }
```

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

```
.border{ border-color:#452232 }
```

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



Here you see how a box with a 4 pixel #452232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452232; -webkit-box-shadow:4px 4px  
4px 4px #452232; box-shadow:4px 4px 4px  
4px #452232 }
```

# Background

The CSS property to change the background color of an element to Decimal 4530738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452232 }
```

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

```
.background{ background-color:#452232 }
```

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