

# Converting Colors

Decimal(4458261)

Have a look what the booklet for  
Decimal(4458261) contains.

<b>Decimal(4458261)</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(4458261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	440715
RGB	68, 7, 21
RGB Percent	27%, 3%, 8%
CMY	0.7333, 0.9725, 0.9176
CMYK	0.00, 0.90, 0.69, 0.73
HSL	346°, 81%, 15%
HSV	346°, 90%, 27%
XYZ	2.5952, 1.4350, 0.8497
YIQ	26.8350, 31.8620, 17.2860

# Conversions

## Conversions Part 2

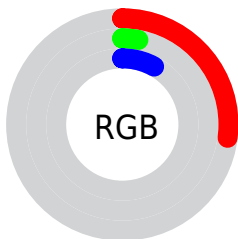
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 7, 21</a>
Decimal	<a href="#">4458261</a>
CIELab	<a href="#">12.19, 29.06, 8.86</a>
CIELCh	<a href="#">12, 30.379, 16.961</a>
Yxy	<a href="#">1.4350, 0.5318, 0.2941</a>
Android (android.graphics.Color)	<a href="#">4282648341 (0xFF440715)</a>
YUV	<a href="#">26.8350, -2.8767, 36.1017</a>
Hunter-Lab	<a href="#">11.9793, 17.7068, 4.1802</a>

# Details


The Decimal color **4458261** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **476214**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **7878719**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4456464**, and if you desaturate by 10%, it is **4460058**.

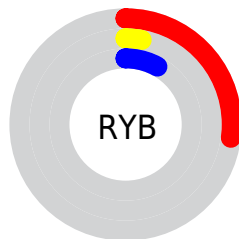
# Distribution



 Red (27%)

 Green (3%)

 Blue (8%)



 Red (27%)

 Yellow (3%)

 Blue (8%)

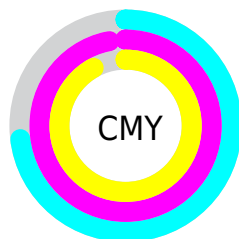



 Cyan (0%)


 Magenta (90%)

 Yellow (69%)

 Black (73%)



 Cyan (73%)

 Magenta (97%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4458261 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 4458261 by changing the saturation by 10% instead.



■ 4458261

■ 4458261

■ 16773365

■ 3014656

■ 7878719

■ 0

■ 9719894

■ 11495791

■ 13402760

■ 15310242

■ 16758973

■ 16766169

■ 4458261

■ 4458261

■ 4456464

■ 4460058

■ 4461855

■ 4463397

■ 4465194

■ 4466991

■ 4468788

■ 4470586

■ 4472127

■ 4473924

# Harmonies

## Analogous

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



4196394



4458261



4067584

# Triad

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



4458261



402944



9545

# Complementary

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



4458261



476214

# 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.



10302



4458261



10518

# Square

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



4458261



1974784



10540



138824

# Rectangle

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



4458261



3545344



10540



9799



# Sweetspot

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



4458261



5849415



3540804



3022627



11382189



3026478



# Same Dimension

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



4458261



5832724



4462343



2170399



6357014



14680116



# Inverse Universe

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



4458261



5832724



472132



2170399



6357014

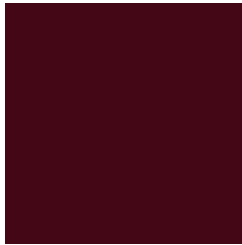


14680116



# Previews

## White Background



This preview shows how the Decimal color 4458261 looks on a white background.

## Color Contrast Check

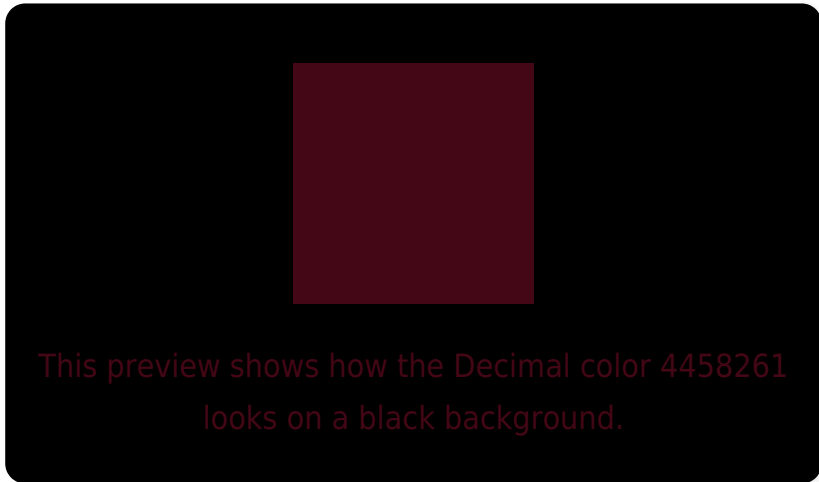
Large Text (above 18pt) WCAG AA ✓ Pass

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 4458261 Background



This preview shows how black text looks on a background with the Decimal color 4458261.



This preview shows how white text looks on a background with the Decimal color 4458261.

# 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](#).

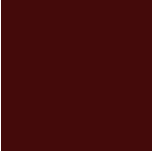
## Dichromacy



**Original Color**  
4458261

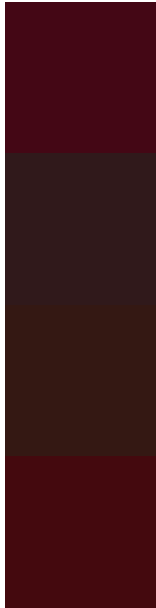
**Protanopia**  
2433823

**Deuteranopia**  
2826514



**Tritanopia**  
4459018

# Trichromacy



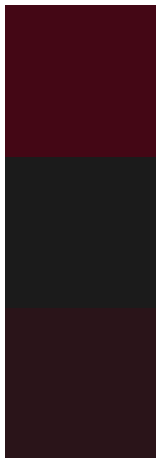
**Original Color**  
4458261

**Protanomaly**  
3152155

**Deuteranomaly**  
3414035

**Tritanomaly**  
4458766

# Monochromacy



**Original Color**  
4458261

**Achromatopsia**  
1776411

**Achromatomaly**  
2757657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4458261 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 #440715 looks like.

```
.text, #text, p{  
    color:#440715  
}
```

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 #440715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440715  
}
```

## Border

The CSS property to change the border of an element to Decimal 4458261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

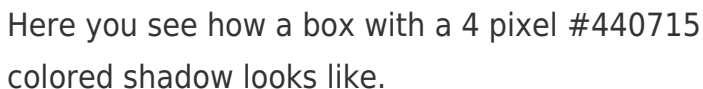
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#440715 }
```

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

```
.border{ border-color:#440715 }
```

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



Here you see how a box with a 4 pixel #440715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440715; -webkit-box-shadow:4px 4px  
4px 4px #440715; box-shadow:4px 4px 4px  
4px #440715 }
```

# Background

The CSS property to change the background color of an element to Decimal 4458261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440715 }
```

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

```
.background{ background-color:#440715 }
```

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