

Converting Colors

Decimal(4658225)

Have a look what the booklet for
Decimal(4658225) contains.

Decimal(4658225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4658225)

Conversions

Conversions Part 1

Format	Color
Hex	471431
RGB	71, 20, 49
RGB Percent	28%, 8%, 19%
CMY	0.7216, 0.9216, 0.8078
CMYK	0.00, 0.72, 0.31, 0.72
HSL	326°, 56%, 18%
HSV	326°, 72%, 28%
XYZ	3.4031, 2.0617, 3.1243
YIQ	38.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

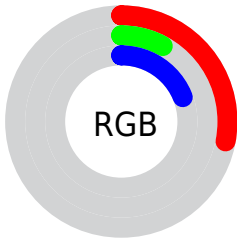
Format	Color
R_{YB}	71, 20, 49
Decimal	4658225
CIE Lab	15.81, 27.69, -6.39
CIE LCh	16, 28.422, 347.010
Yxy	2.0617, 0.3962, 0.2400
Android (android.graphics.Color)	4282848305 (0xFF471431)
YUV	38.5550, 5.1494, 28.4543
Hunter-Lab	14.3585, 17.1785, -2.8502




Details

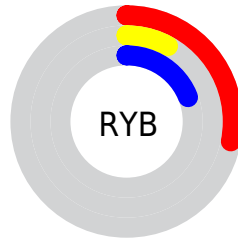
The Decimal color **4658225** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1328938**, and the grayscale version is **2500134**.




A 20% lighter version of the original color is **8012639**, and **1376256** is the 20% darker color. If you saturate the color by 10%, you get **4656430**, and if you desaturate by 10%, it is **4660020**.

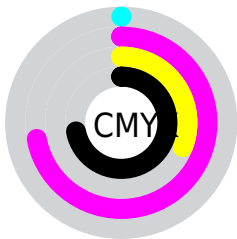
Distribution







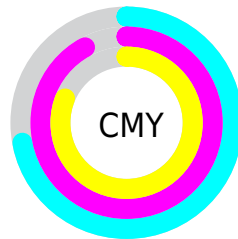
-  Red (28%)
-  Green (8%)
-  Blue (19%)






-  Red (28%)
-  Yellow (8%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (72%)
-  Yellow (31%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (92%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4658225 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 4658225 by changing the saturation by 10% instead.

 4658225

 4658225

 16776703

 3080220

 8012639

 1376256

 9722744

 0

 11498642

 13340332

 15247815

 16762083

 16769535

 4658225

 4658225

■ 4656430

■ 4660020

■ 4654635

■ 4661815

■ 4653096

■ 4663610

■ 4665405

■ 4667456

■ 4669251

■ 4671046

■ 4672842

■ 4674637

Harmonies

Analogous

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



3611971



4658225



4920093

Triad

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



4658225



2632192



12357

Complementary

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



4658225



1328938

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.



12595



4658225



929288

Square

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



4658225



3744512



12318



11343

Rectangle

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



4658225



4724752



12318



12351

Sweetspot

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



4658225



6047827



2692167



3023401



11382189



3026478

Same Dimension

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



4658225



6032698



4658200



2367522



6488121



14876801

Inverse Universe

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



4658225



6032698



1328963



2367522



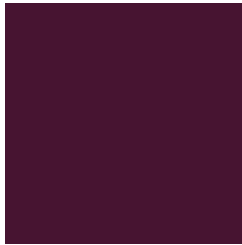
6488121



14876801

Previews

White Background



This preview shows how the Decimal color 4658225 looks on a white background.

Color Contrast Check

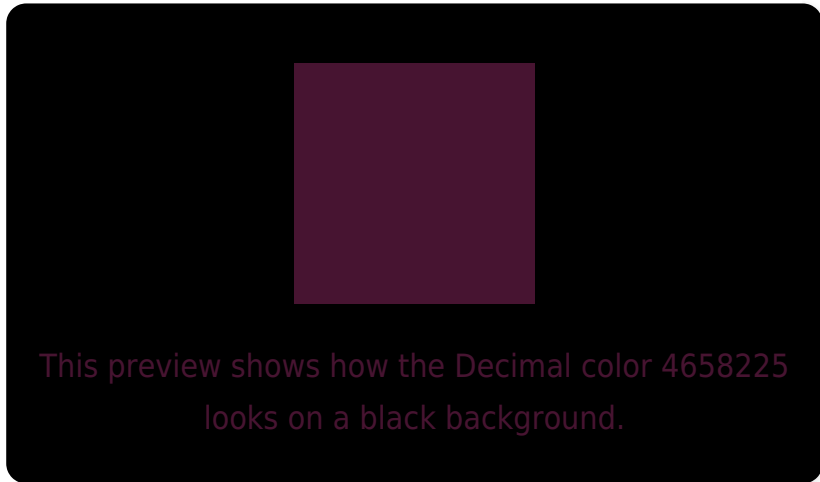
Large Text (above 18pt) WCAG AA ✓ Pass

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

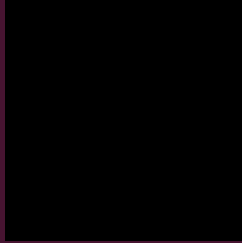
Any Text WCAG AA × Fail

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 4658225 Background



This preview shows how black text looks on a background with the Decimal color 4658225.



This preview shows how white text looks on a background with the Decimal color 4658225.

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
4658225

Protanopia
2172991

Deuteranopia
2762798



Tritanopia
4528668

Trichromacy



Original Color
4658225

Protanomaly
3088698

Deuteranomaly
3481903

Tritanomaly
4593700

Monochromacy



Original Color
4658225

Achromatopsia
2565927

Achromatomaly
3350571

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4658225 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 #471431 looks like.

```
.text, #text, p{  
    color:#471431  
}
```

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 #471431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471431
}
```

Border

The CSS property to change the border of an element to Decimal 4658225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

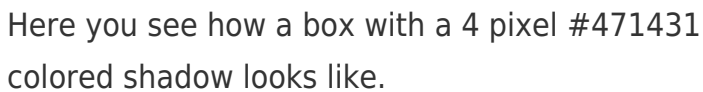
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#471431 }
```

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

```
.border{ border-color:#471431 }
```

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



Here you see how a box with a 4 pixel #471431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471431; -webkit-box-shadow:4px 4px  
4px 4px #471431; box-shadow:4px 4px 4px  
4px #471431 }
```

Background

The CSS property to change the background color of an element to Decimal 4658225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471431 }
```

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

```
.background{ background-color:#471431 }
```

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