

Converting Colors

Decimal(4595498)

Have a look what the booklet for
Decimal(4595498) contains.

Decimal(4595498)	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(4595498)

Conversions

Conversions Part 1

Format	Color
Hex	461F2A
RGB	70, 31, 42
RGB Percent	27%, 12%, 16%
CMY	0.7255, 0.8784, 0.8353
CMYK	0.00, 0.56, 0.40, 0.73
HSL	343°, 39%, 20%
HSV	343°, 56%, 27%
XYZ	3.4337, 2.4492, 2.4823
YIQ	43.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

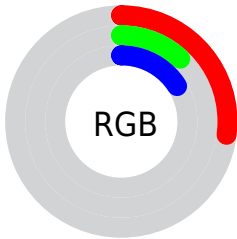
Format	Color
R_{YB}	70, 31, 42
Decimal	4595498
CIE Lab	17.69, 20.08, 1.37
CIE LCh	18, 20.131, 3.907
Yxy	2.4492, 0.4105, 0.2928
Android (android.graphics.Color)	4282785578 (0xFF461F2A)
YUV	43.9150, -0.9441, 22.8765
Hunter-Lab	15.6500, 11.7762, 1.5510




Details

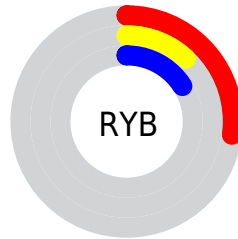
The Decimal color **4595498** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2049595**, and the grayscale version is **2894892**.




A 20% lighter version of the original color is **7883863**, and **1441792** is the 20% darker color. If you saturate the color by 10%, you get **4593701**, and if you desaturate by 10%, it is **4597295**.

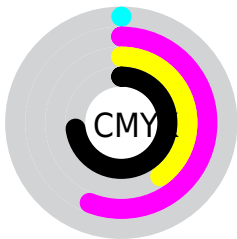
Distribution







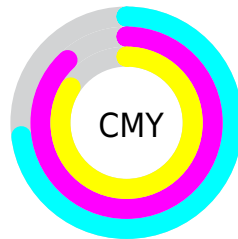
-  Red (27%)
-  Green (12%)
-  Blue (16%)






-  Red (27%)
-  Yellow (12%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (40%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (88%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4595498 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 4595498 by changing the saturation by 10% instead.

■ 4595498

■ 4595498

16777215

■ 3016982

■ 7883863

■ 1441792

■ 9594223

■ 0

■ 11370121

■ 13211811

■ 15119294

■ 16764890

■ 16772086

■ 4595498

■ 4595498

■ 4593701

■ 4597295

■ 4591904

■ 4599092

■ 4590107

■ 4600889

■ 4588310

■ 4602686

■ 4587540

■ 4604483

■ 4606280

■ 4608077

■ 4609874

■ 4611671

Harmonies

Analogous

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



4137272



4595498



4530460

Triad

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



4595498



2305810



12357

Complementary

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



4595498



2049595

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.



12859



4595498



995870

Square

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



4595498



3287821



13101



1387592

Rectangle

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



4595498



4269076



13101



12610

Sweetspot

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



4595498



6048849



3874630



3024167



11382189



3026478

Same Dimension

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



4595498



6037040



4597535



2367521



6488092



14876736

Inverse Universe

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



4595498



6037040



2047558



2367521



6488092



14876736

Previews

White Background



This preview shows how the Decimal color 4595498 looks on a white background.

Color Contrast Check

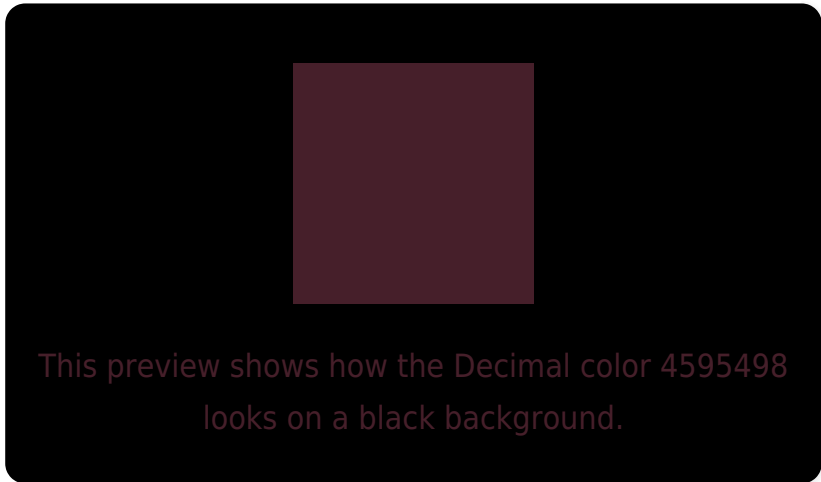
Large Text (above 18pt) WCAG AA ✓ Pass

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

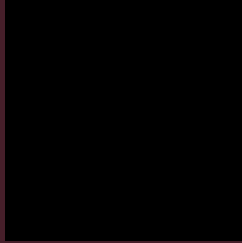
Any Text WCAG AA × Fail

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 4595498 Background



This preview shows how black text looks on a background with the Decimal color 4595498.



This preview shows how white text looks on a background with the Decimal color 4595498.

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
4595498

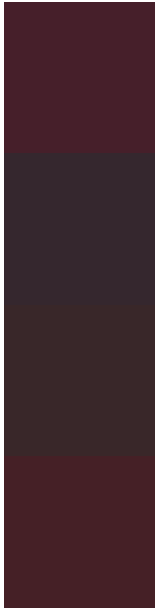
Protanopia
2829361

Deuteranopia
3287848



Tritanopia
4530211

Trichromacy



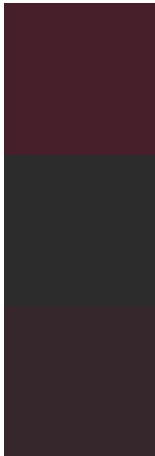
Original Color
4595498

Protanomaly
3483438

Deuteranomaly
3745577

Tritanomaly
4530214

Monochromacy



Original Color
4595498

Achromatopsia
2894892

Achromatomaly
3483435

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4595498 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 #461F2A looks like.

```
.text, #text, p{  
    color:#461F2A  
}
```

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 #461F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461F2A
}
```

Border

The CSS property to change the border of an element to Decimal 4595498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

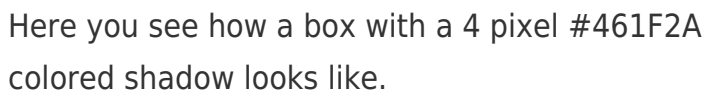
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461F2A }
```

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

```
.border{ border-color:#461F2A }
```

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



Here you see how a box with a 4 pixel #461F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461F2A; -webkit-box-shadow:4px 4px  
4px 4px #461F2A; box-shadow:4px 4px 4px  
4px #461F2A }
```

Background

The CSS property to change the background color of an element to Decimal 4595498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461F2A }
```

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

```
.background{ background-color:#461F2A }
```

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