

Converting Colors

Decimal(4329989)

Have a look what the booklet for
Decimal(4329989) contains.

Decimal(4329989)	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(4329989)

Conversions

Conversions Part 1

Format	Color
Hex	421205
RGB	66, 18, 5
RGB Percent	26%, 7%, 2%
CMY	0.7412, 0.9294, 0.9804
CMYK	0.00, 0.73, 0.92, 0.74
HSL	13°, 86%, 14%
HSV	13°, 92%, 26%
XYZ	2.4905, 1.6018, 0.3215
YIQ	30.8700, 32.7810, 6.1330

Conversions

Conversions Part 2

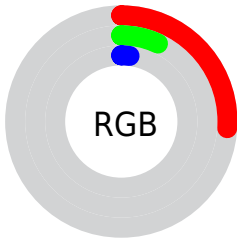
Format	Color
RYB	66, 22, 5
Decimal	4329989
CIELab	13.24, 22.47, 18.23
CIELCh	13, 28.935, 39.056
Yxy	1.6018, 0.5642, 0.3629
Android (android.graphics.Color)	4282520069 (0xFF421205)
YUV	30.8700, -12.7539, 30.8090
Hunter-Lab	12.6563, 12.9761, 7.3533

Details

The Decimal color **4329989** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **341314**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **7749427**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4328960**, and if you desaturate by 10%, it is **4331276**.

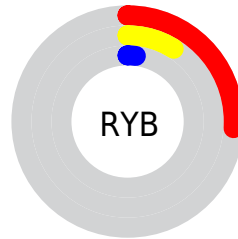
Distribution



Red (26%)

Green (7%)

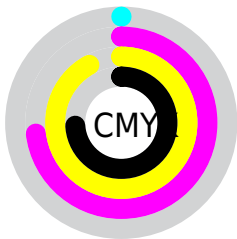
Blue (2%)



Red (26%)

Yellow (9%)

Blue (2%)

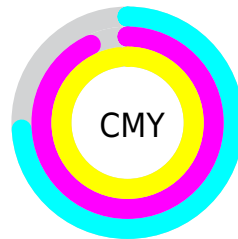


Cyan (0%)

Magenta (73%)

Yellow (92%)

Black (74%)



Cyan (74%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4329989 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 4329989 by changing the saturation by 10% instead.



4329989



4329989



16775398



2752512



7749427



0



9525065



11366497



13207930



15115412



16760750



16767946



4329989



4329989

■ 4328960

■ 4331276

■ 4332562

■ 4334105

■ 4335391

■ 4336678

■ 4337965

■ 4339251

■ 4340794

■ 4342080

Harmonies

Analogous

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



4524829



4329989



3611648

Triad

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



4329989



10771



9034

Complementary

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



4329989



341314

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.



10312



4329989



11048

Square

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



4329989



1189888



11067



2759234

Rectangle

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



4329989



2892032



11067



9547

Sweetspot

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



4329989



5719102



4326710



2826269



11250603



2829099

Same Dimension

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



4329989



5706240



4337669



2170654



6362368



14692352

Inverse Universe

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



341314



17495



333634



1974305



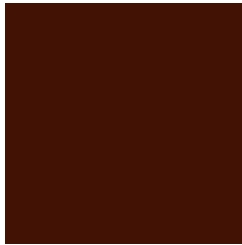
19553



45536

Previews

White Background



This preview shows how the Decimal color 4329989 looks on a white background.

Color Contrast Check

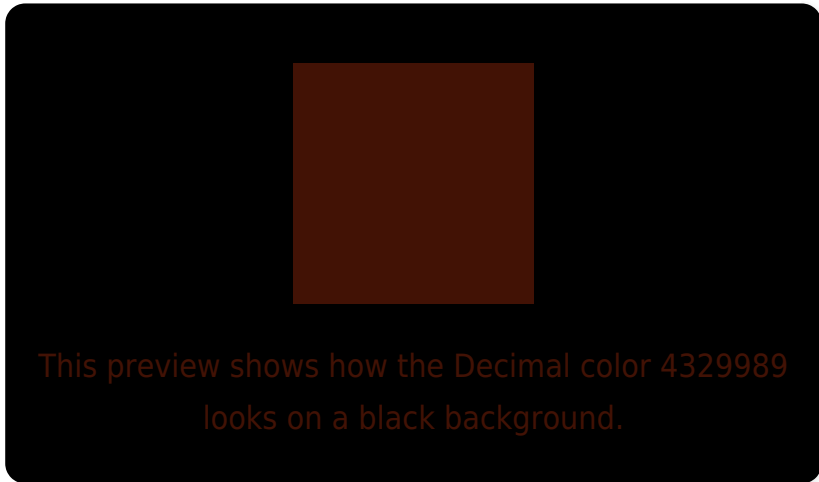
Large Text (above 18pt) WCAG AA ✓ Pass

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

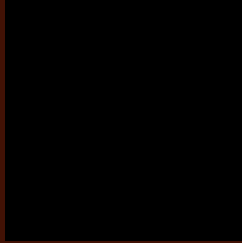
Any Text WCAG AA × Fail

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 4329989 Background



This preview shows how black text looks on a background with the Decimal color 4329989.

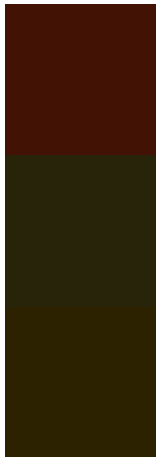


This preview shows how white text looks on a background with the Decimal color 4329989.

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](#).

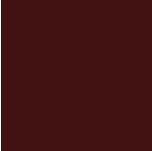
Dichromacy



Original Color
4329989

Protanopia
2630666

Deuteranopia
2957824



Tritanopia
4329745

Trichromacy



Original Color
4329989

Protanomaly
3218696

Deuteranomaly
3480578

Tritanomaly
4329741

Monochromacy



Original Color
4329989

Achromatopsia
2039583

Achromatomaly
2890262

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4329989 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 #421205 looks like.

```
.text, #text, p{  
    color:#421205  
}
```

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 #421205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421205
}
```

Border

The CSS property to change the border of an element to Decimal 4329989 is called "border". The border property can be set on classes, ids or directly on the HTML element.

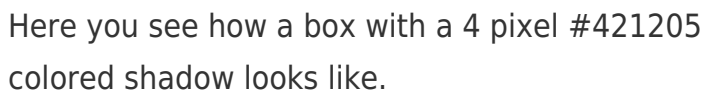
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421205 }
```

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

```
.border{ border-color:#421205 }
```

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



Here you see how a box with a 4 pixel #421205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421205; -webkit-box-shadow:4px 4px  
4px 4px #421205; box-shadow:4px 4px 4px  
4px #421205 }
```

Background

The CSS property to change the background color of an element to Decimal 4329989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421205 }
```

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

```
.background{ background-color:#421205 }
```

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