

# Converting Colors

Decimal(4332316)

Have a look what the booklet for  
Decimal(4332316) contains.

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**Color**

**Decimal(4332316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	421B1C
RGB	66, 27, 28
RGB Percent	26%, 11%, 11%
CMY	0.7412, 0.8941, 0.8902
CMYK	0.00, 0.59, 0.58, 0.74
HSL	358°, 42%, 18%
HSV	358°, 59%, 26%
XYZ	2.8483, 2.0260, 1.3395
YIQ	38.7750, 22.9230, 8.5790

# Conversions

## Conversions Part 2

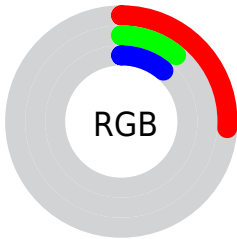
Format	Color
<a href="#">RYB</a>	<a href="#">66, 27, 28</a>
Decimal	<a href="#">4332316</a>
CIELab	<a href="#">15.62, 19.00, 8.35</a>
CIELCh	<a href="#">16, 20.754, 23.730</a>
Yxy	<a href="#">2.0260, 0.4584, 0.3260</a>
Android (android.graphics.Color)	<a href="#">4282522396 (0xFF421B1C)</a>
YUV	<a href="#">38.7750, -5.3121, 23.8763</a>
Hunter-Lab	<a href="#">14.2336, 10.8110, 4.3837</a>

# Details

The Decimal color **4332316** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1786433**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **7620679**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4330518**, and if you desaturate by 10%, it is **4334114**.

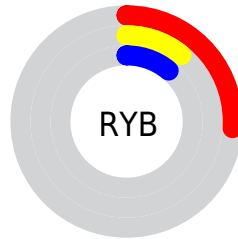
# Distribution



 Red (26%)

 Green (11%)

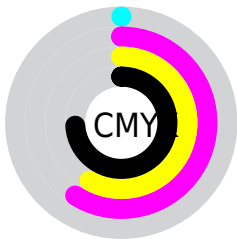
 Blue (11%)



 Red (26%)

 Yellow (11%)

 Blue (11%)

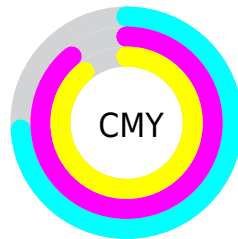


 Cyan (0%)

 Magenta (59%)

 Yellow (58%)

 Black (74%)



 Cyan (74%)

 Magenta (89%)

 Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4332316 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 4332316 by changing the saturation by 10% instead.





4332316



4332316

16777215



2884609



7620679



0



9396319



11172216



13013905



14855852



16763335



16770531



4332316



4332316

■ 4330518

■ 4334114

■ 4328975

■ 4335657

■ 4327177

■ 4337455

■ 4325634

■ 4338998

■ 4325378

■ 4340796

■ 4342595

■ 4344137

■ 4345935

■ 4347478

# Harmonies

## Analogous

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



4201003



4332316



4005903

# Triad

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



4332316



1191189



10564

# Complementary

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



4332316



1786433

# 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.



11582



4332316



11811

# Square

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



4332316



2370057



11826



2303042

# Rectangle

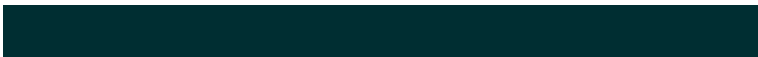
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4332316



3547911



11826



11075



# Sweetspot

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



4332316



5719879



4266818



2826786



11250603



2829099



# Same Dimension

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



4332316



5708059



4336923



2170398



6356994



14680070



# Inverse Universe

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



4332316



5708059



1781826



2170398



6356994

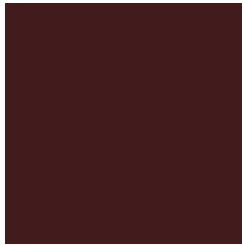


14680070



# Previews

## White Background



This preview shows how the Decimal color 4332316 looks on a white background.

## Color Contrast Check

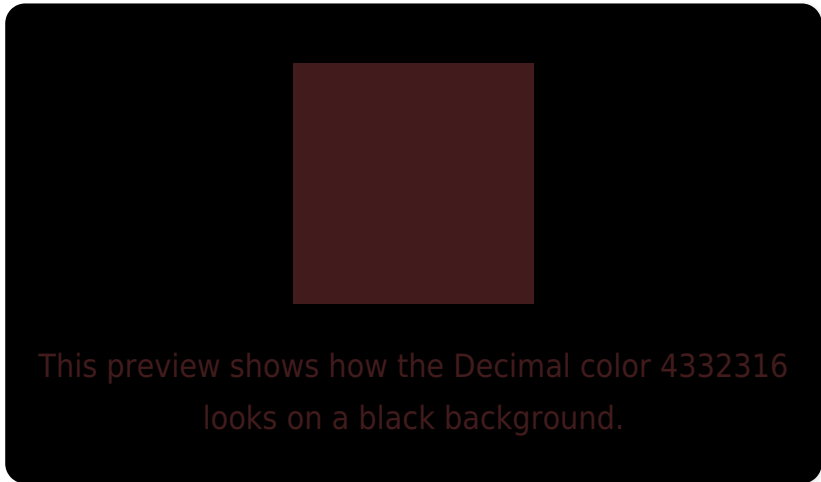
Large Text (above 18pt) WCAG AA ✓ Pass

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

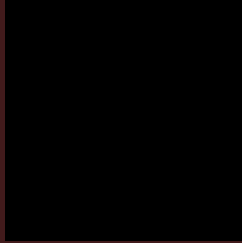
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4332316 Background



This preview shows how black text looks on a background with the Decimal color 4332316.



This preview shows how white text looks on a background with the Decimal color 4332316.

# 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**  
4332316

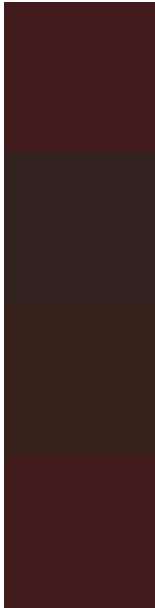
**Protanopia**  
2762786

**Deuteranopia**  
3155482



**Tritanopia**  
4332317

# Trichromacy



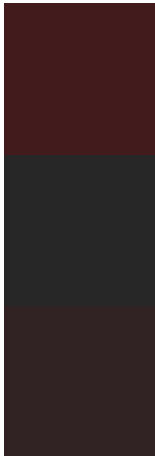
**Original Color**  
4332316

**Protanomaly**  
3351328

**Deuteranomaly**  
3613211

**Tritanomaly**  
4332317

# Monochromacy



**Original Color**  
4332316

**Achromatopsia**  
2565927

**Achromatomaly**  
3220259

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4332316 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 #421B1C looks like.

```
.text, #text, p{  
    color:#421B1C  
}
```

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 #421B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421B1C
}
```

## Border

The CSS property to change the border of an element to Decimal 4332316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

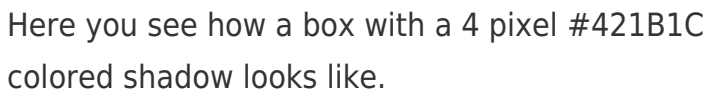
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421B1C }
```

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

```
.border{ border-color:#421B1C }
```

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



Here you see how a box with a 4 pixel #421B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421B1C; -webkit-box-shadow:4px 4px  
4px 4px #421B1C; box-shadow:4px 4px 4px  
4px #421B1C }
```

# Background

The CSS property to change the background color of an element to Decimal 4332316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421B1C }
```

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

```
.background{ background-color:#421B1C }
```

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](#).



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