

# Converting Colors

Decimal(4201216)

Have a look what the booklet for  
Decimal(4201216) contains.

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**Color**

**Decimal(4201216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	401B00
RGB	64, 27, 0
RGB Percent	25%, 11%, 0%
CMY	0.7490, 0.8941, 1.0000
CMYK	0.00, 0.58, 1.00, 0.75
HSL	25°, 100%, 13%
HSV	25°, 100%, 25%
XYZ	2.5063, 1.8739, 0.2296
YIQ	34.9850, 30.7190, -0.5530

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 47, 0</a>
Decimal	<a href="#">4201216</a>
CIELab	<a href="#">14.81, 16.02, 22.25</a>
CIELCh	<a href="#">15, 27.417, 54.254</a>
Yxy	<a href="#">1.8739, 0.5437, 0.4065</a>
Android (android.graphics.Color)	<a href="#">4282391296 (0xFF401B00)</a>
YUV	<a href="#">34.9850, -17.2476, 25.4462</a>
Hunter-Lab	<a href="#">13.6889, 8.7259, 8.5878</a>

# Details

The Decimal color **4201216** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **9536**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **7554863**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4201216**, and if you desaturate by 10%, it is **4202246**.

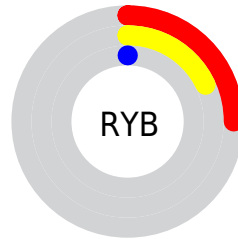
# Distribution



Red (25%)

Green (11%)

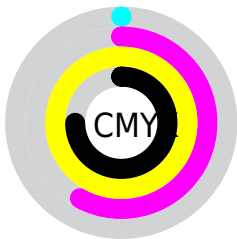
Blue (0%)



Red (25%)

Yellow (18%)

Blue (0%)

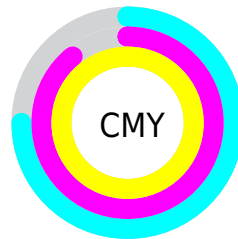


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4201216 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 4201216 by changing the saturation by 10% instead.



 4201216

 4201216


 16777186

 2622464

 7554863

 0

 9330502

 11171934

 13013622

 14921104

 16763051

 16770246

 4201216

■ 4202246

■ 4203021

■ 4204051

■ 4205082

■ 4206112

■ 4206886

■ 4207917

■ 4208947

■ 4209722

# Harmonies

## Analogous

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



4657943



4201216



3351296

# Triad

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



4201216



11809



1909321

# Complementary

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



4201216



9536

# 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.



10572



4201216



11829

# Square

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



4201216



273420



11588



3742012

# Rectangle

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



4201216



2565888



11588



795723



# Sweetspot

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



4201216



5523003



4194341



2826780



11250603



2829099



# Same Dimension

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



4201216



5514240



4209408



2170654



6367488



14704384



# Inverse Universe

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



9536



12628



1344



1974305



14433

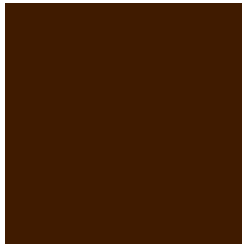


33504



# Previews

## White Background



This preview shows how the Decimal color 4201216 looks on a white background.

## Color Contrast Check

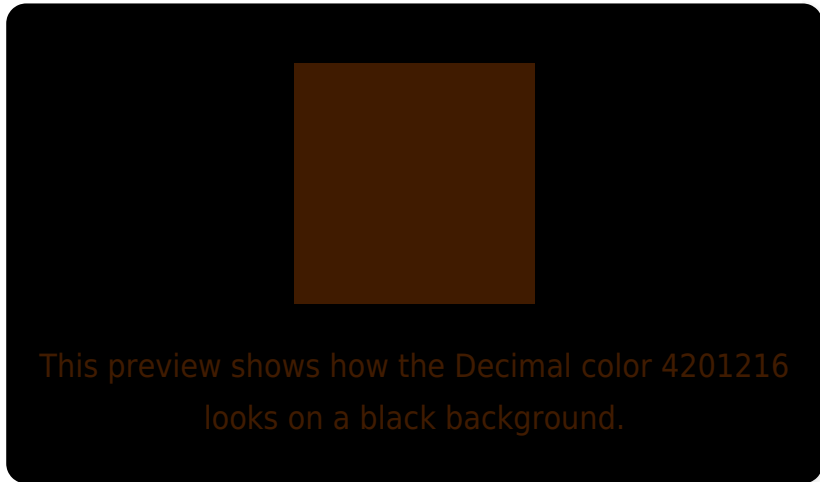
Large Text (above 18pt) WCAG AA ✓ Pass

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

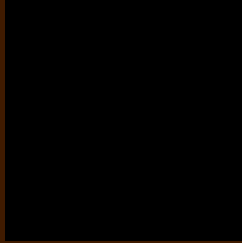
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4201216 Background



This preview shows how black text looks on a background with the Decimal color 4201216.

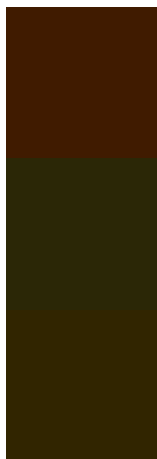


This preview shows how white text looks on a background with the Decimal color 4201216.

# 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



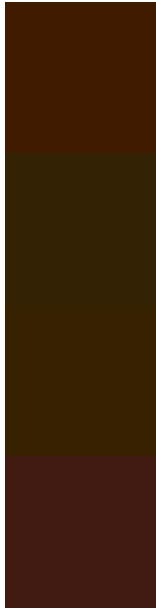
**Original Color**  
4201216

**Protanopia**  
2828038

**Deuteranopia**  
3220736



# Trichromacy



**Original Color**  
4201216

**Protanomaly**  
3351300

**Deuteranomaly**  
3547392

**Tritanomaly**  
4266513

# Monochromacy



**Original Color**  
4201216

**Achromatopsia**  
2302755

**Achromatomaly**  
3022870

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4201216 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 #401B00 looks like.

```
.text, #text, p{  
    color:#401B00  
}
```

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 #401B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401B00
}
```

## Border

The CSS property to change the border of an element to Decimal 4201216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

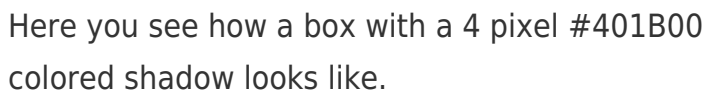
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401B00 }
```

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

```
.border{ border-color:#401B00 }
```

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



Here you see how a box with a 4 pixel #401B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401B00; -webkit-box-shadow:4px 4px  
4px 4px #401B00; box-shadow:4px 4px 4px  
4px #401B00 }
```

# Background

The CSS property to change the background color of an element to Decimal 4201216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401B00 }
```

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

```
.background{ background-color:#401B00 }
```

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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