

Converting Colors

Decimal(4200215)

Have a look what the booklet for
Decimal(4200215) contains.

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Color

Decimal(4200215)

Conversions

Conversions Part 1

Format	Color
Hex	401717
RGB	64, 23, 23
RGB Percent	25%, 9%, 9%
CMY	0.7490, 0.9098, 0.9098
CMYK	0.00, 0.64, 0.64, 0.75
HSL	0°, 47%, 17%
HSV	0°, 64%, 25%
XYZ	2.5754, 1.7646, 1.0155
YIQ	35.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

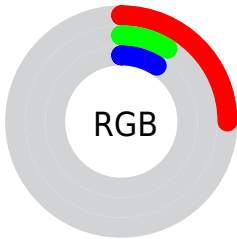
Format	Color
RYB	64, 23, 23
Decimal	4200215
CIELab	14.20, 20.00, 9.97
CIELCh	14, 22.352, 26.493
Yxy	1.7646, 0.4809, 0.3295
Android (android.graphics.Color)	4282390295 (0xFF401717)
YUV	35.2590, -6.0437, 25.2059
Hunter-Lab	13.2840, 11.3593, 4.7664

Details

The Decimal color **4200215** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1523776**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **7554114**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4198673**, and if you desaturate by 10%, it is **4201757**.

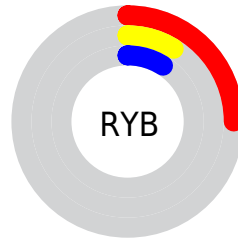
Distribution



Red (25%)

Green (9%)

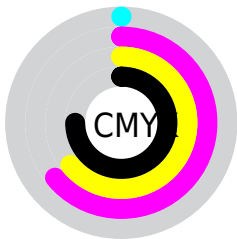
Blue (9%)



Red (25%)

Yellow (9%)

Blue (9%)

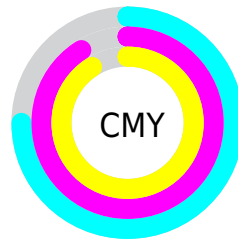


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (75%)



Cyan (75%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4200215 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 4200215 by changing the saturation by 10% instead.

 4200215

 4200215

 16776697

 2752512

 7554114

 0

 9264217

 11039857

 12881547

 14789029

 16696512

 16769244

 4200215

 4200215

■ 4198673

■ 4201757

■ 4196874

■ 4203556

■ 4195332

■ 4205098

■ 4194304

■ 4206897

■ 4208439

■ 4209981

■ 4211780

■ 4213322

■ 4215121

Harmonies

Analogous

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



4134439



4200215



3808518

Triad

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



4200215



600594



9795

Complementary

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



4200215



1523776

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.



10814



4200215



11042

Square

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



4200215



2107137



11058



2171200

Rectangle

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



4200215



3350784



11058



10306

Sweetspot

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



4200215



5522500



4200256



2826529



11250603



2829099

Same Dimension

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



4200215



5509907



4205591



2170398



6356992



14680064

Inverse Universe

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



1523776



1266772



1518656



1974561



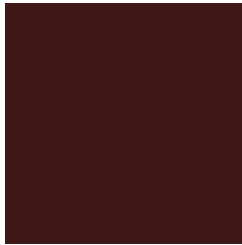
24929



57568

Previews

White Background



This preview shows how the Decimal color 4200215 looks on a white background.

Color Contrast Check

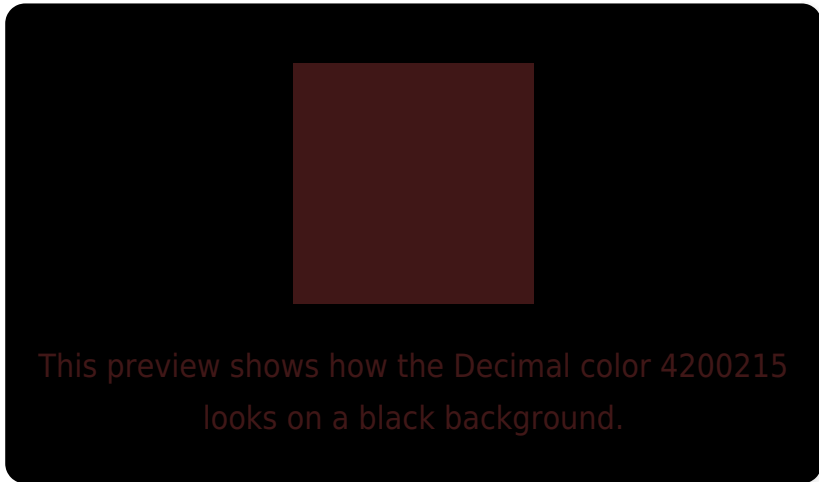
Large Text (above 18pt) WCAG AA ✓ Pass

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

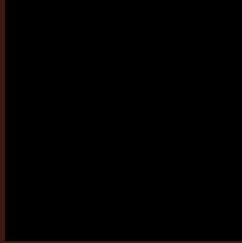
Any Text WCAG AA × Fail

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 4200215 Background



This preview shows how black text looks on a background with the Decimal color 4200215.



This preview shows how white text looks on a background with the Decimal color 4200215.

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
4200215

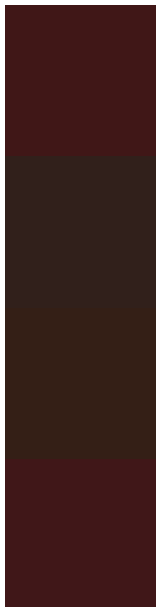
Protanopia
2630941

Deuteranopia
2958357



Tritanopia
4200216

Trichromacy



Original Color

4200215

Protanomaly

3219483

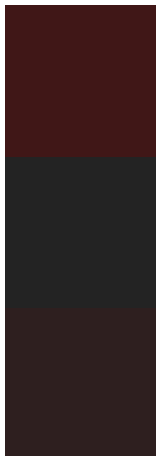
Deuteranomaly

3415830

Tritanomaly

4200216

Monochromacy



Original Color

4200215

Achromatopsia

2302755

Achromatomaly

3022623

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4200215 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 #401717 looks like.

```
.text, #text, p{  
    color:#401717  
}
```

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 #401717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401717
}
```

Border

The CSS property to change the border of an element to Decimal 4200215 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".

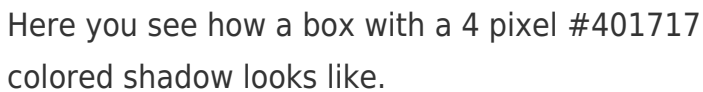
```
.border, #border, table{ border:4px solid
#401717 }
```

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

```
.border{ border-color:#401717 }
```

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

Here you see how a box with a 4 pixel #401717 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401717; -webkit-box-shadow:4px 4px  
4px 4px #401717; box-shadow:4px 4px 4px  
4px #401717 }
```

Background

The CSS property to change the background color of an element to Decimal 4200215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401717 }
```

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

```
.background{ background-color:#401717 }
```

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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