

Converting Colors

Decimal(4199296)

Have a look what the booklet for
Decimal(4199296) contains.

Decimal(4199296)	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(4199296)

Conversions

Conversions Part 1

Format	Color
Hex	401380
RGB	64, 19, 128
RGB Percent	25%, 7%, 50%
CMY	0.7490, 0.9255, 0.4980
CMYK	0.50, 0.85, 0.00, 0.50
HSL	265°, 74%, 29%
HSV	265°, 85%, 50%
XYZ	6.2435, 3.1142, 20.6941
YIQ	44.8810, -8.1690, 43.4390

Conversions

Conversions Part 2

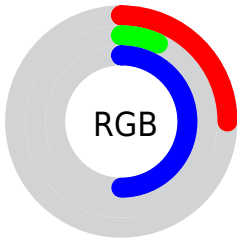
Format	Color
RYB	64, 19, 128
Decimal	4199296
CIELab	20.50, 44.43, -52.07
CIELCh	20, 68.449, 310.478
Yxy	3.1142, 0.2078, 0.1036
Android (android.graphics.Color)	4282389376 (0xFF401380)
YUV	44.8810, 40.9777, 16.7674
Hunter-Lab	17.6472, 32.2698, -57.1737

Details

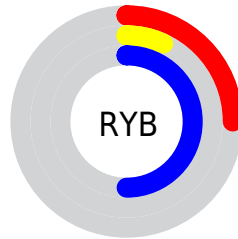
The Decimal color **4199296** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5472275**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **7816630**, and **393294** is the 20% darker color. If you saturate the color by 10%, you get **3671680**, and if you desaturate by 10%, it is **4726912**.

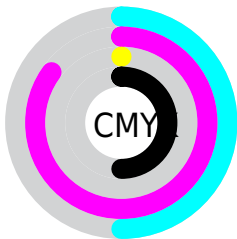
Distribution



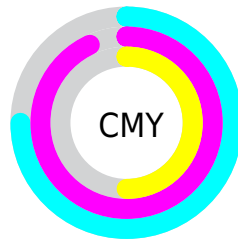
- Red (25%)
- Green (7%)
- Blue (50%)



- Red (25%)
- Yellow (7%)
- Blue (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (93%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4199296 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 4199296 by changing the saturation by 10% instead.

■ 4199296

■ 4199296

16777215

■ 2293862

■ 7816630

■ 393294

■ 9658066

■ 566

■ 11499759

■ 543

■ 13341439

■ 3

■ 15314431

■ 0

■ 16763391

■ 16770815

■ 4199296

■ 4199296

■ 3671680

■ 4726912

■ 3473536

■ 5188992

■ 5716352

■ 6178432

■ 6706048

■ 7168128

■ 7695744

■ 8157568

■ 8685184

Harmonies

Analogous

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



13464



4199296



7667796

Triad

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



4199296



5710080



17219

Complementary

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



4199296



5472275

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.



16650



4199296



3028224

Square

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



4199296



7667712



15872



17267

Rectangle

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



4199296



8454195



15872



16945

Sweetspot

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



4199296



9206694



1266816



4536916



13948116



5526612

Same Dimension

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



4199296



4456614



7672704



3946816



3473536



0

Inverse Universe

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



8393555



10879073



1998867



4208957



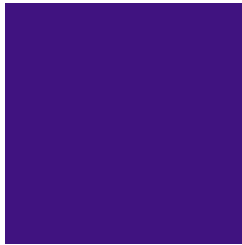
8388683



0

Previews

White Background



This preview shows how the Decimal color 4199296 looks on a white background.

Color Contrast Check

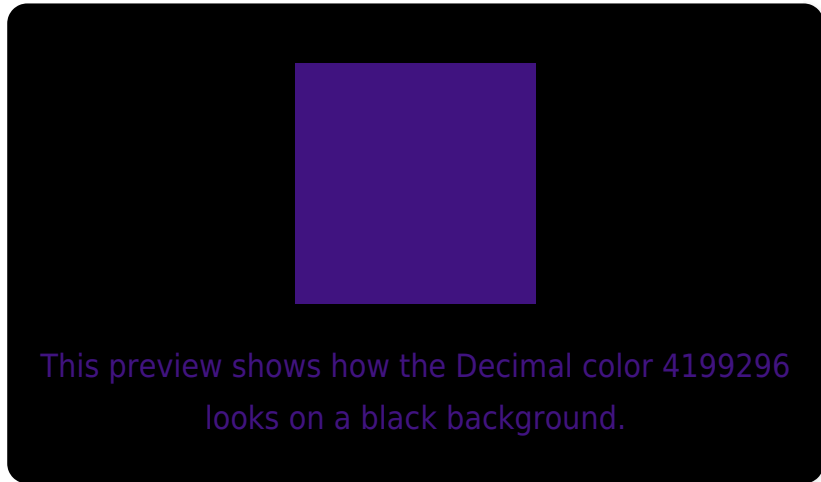
Large Text (above 18pt) WCAG AA ✓ Pass

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

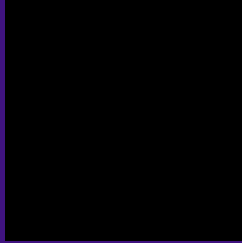
Any Text WCAG AA × Fail

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 4199296 Background



This preview shows how black text looks on a background with the Decimal color 4199296.



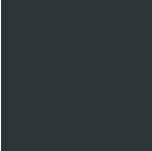
This preview shows how white text looks on a background with the Decimal color 4199296.

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





Tritanopia
2896952

Trichromacy



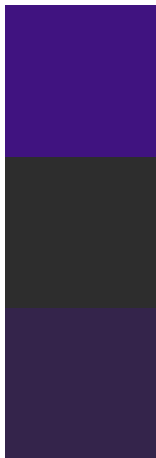
Original Color
4199296

Protanomaly
1517168

Deuteranomaly
1517671

Tritanomaly
3352658

Monochromacy



Original Color
4199296

Achromatopsia
2960685

Achromatomaly
3417163

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4199296 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 #401380 looks like.

```
.text, #text, p{  
    color:#401380  
}
```

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 #401380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #401380
}
```

Border

The CSS property to change the border of an element to Decimal 4199296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

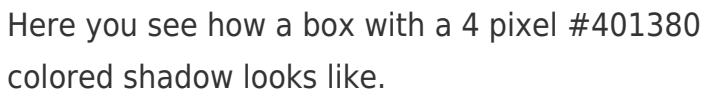
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#401380 }
```

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

```
.border{ border-color:#401380 }
```

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



Here you see how a box with a 4 pixel #401380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #401380; -webkit-box-shadow:4px 4px  
4px 4px #401380; box-shadow:4px 4px 4px  
4px #401380 }
```

Background

The CSS property to change the background color of an element to Decimal 4199296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#401380 }
```

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

```
.background{ background-color:#401380 }
```

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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