

Converting Colors

Decimal(4199259)

Have a look what the booklet for
Decimal(4199259) contains.

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Color

Decimal(4199259)

Conversions

Conversions Part 1

Format	Color
Hex	40135B
RGB	64, 19, 91
RGB Percent	25%, 7%, 36%
CMY	0.7490, 0.9255, 0.6431
CMYK	0.30, 0.79, 0.00, 0.64
HSL	278°, 65%, 22%
HSV	278°, 79%, 36%
XYZ	4.2356, 2.3111, 10.1204
YIQ	40.6630, 3.7080, 31.9320

Conversions

Conversions Part 2

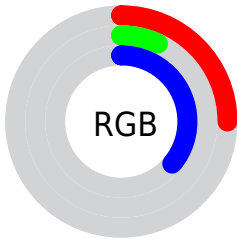
Format	Color
RYB	64, 19, 91
Decimal	4199259
CIELab	17.04, 34.85, -33.63
CIElCh	17, 48.426, 316.019
Yxy	2.3111, 0.2541, 0.1387
Android (android.graphics.Color)	4282389339 (0xFF40135B)
YUV	40.6630, 24.8161, 20.4665
Hunter-Lab	15.2022, 23.1289, -28.8289

Details

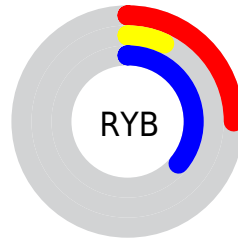
The Decimal color **4199259** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3037971**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **7553934**, and **1114157** is the 20% darker color. If you saturate the color by 10%, you get **4000347**, and if you desaturate by 10%, it is **4398171**.

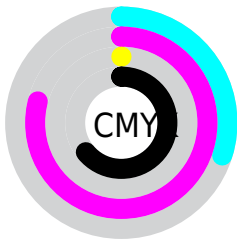
Distribution



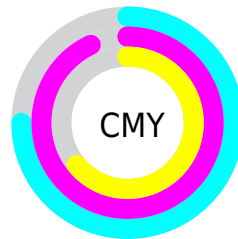
- Red (25%)
- Green (7%)
- Blue (36%)



- Red (25%)
- Yellow (7%)
- Blue (36%)



- Cyan (30%)
- Magenta (79%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4199259 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 4199259 by changing the saturation by 10% instead.



4199259



4199259

16776959



2555971



7553934



1114157



9264041



279



11039940



0



12881888



14789117



16696831



16769535



4199259



4199259

■ 4000347

■ 4398171

■ 3735899

■ 4662619

■ 3735643

■ 4861531

■ 5125979

■ 5325147

■ 5524059

■ 5788507

■ 5987419

■ 6251867

Harmonies

Analogous

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



10606



4199259



6094908

Triad

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



4199259



4334080



14396

Complementary

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



4199259



3037971

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.



14104



4199259



2371072

Square

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



4199259



5835264



13312



14172

Rectangle

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



4199259



6488101



13312



14128

Sweetspot

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



4199259



7035253



1257307



3418683



12237498



3881787

Same Dimension

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



4199259



4982389



5968723



2894126



4522094



9699565

Inverse Universe

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



5968686



7669296



1268507



3025195



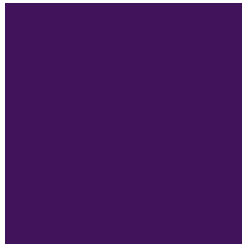
7209001



15532121

Previews

White Background



This preview shows how the Decimal color 4199259 looks on a white background.

Color Contrast Check

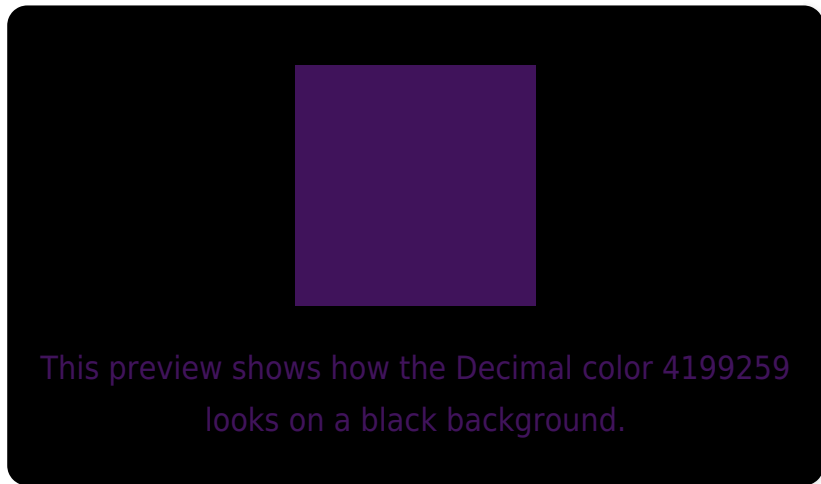
Large Text (above 18pt) WCAG AA ✓ Pass

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

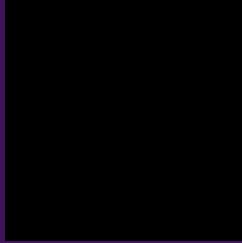
Any Text WCAG AA × Fail

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 4199259 Background



This preview shows how black text looks on a background with the Decimal color 4199259.



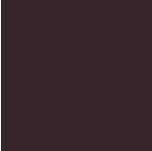
This preview shows how white text looks on a background with the Decimal color 4199259.

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
3614506

Trichromacy



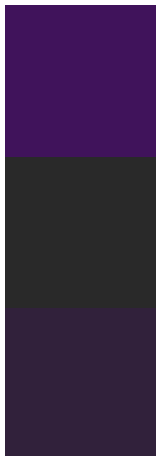
Original Color
4199259

Protanomaly
1516122

Deuteranomaly
1516626

Tritanomaly
3809340

Monochromacy



Original Color
4199259

Achromatopsia
2697513

Achromatomaly
3219771

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4199259 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 #40135B looks like.

```
.text, #text, p{  
    color:#40135B  
}
```

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 #40135B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40135B
}
```

Border

The CSS property to change the border of an element to Decimal 4199259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

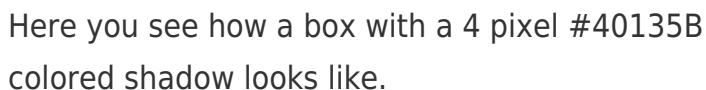
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40135B }
```

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

```
.border{ border-color:#40135B }
```

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



Here you see how a box with a 4 pixel #40135B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40135B; -webkit-box-shadow:4px 4px  
4px 4px #40135B; box-shadow:4px 4px 4px  
4px #40135B }
```

Background

The CSS property to change the background color of an element to Decimal 4199259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40135B }
```

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

```
.background{ background-color:#40135B }
```

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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