

Converting Colors

Decimal(4337820)

Have a look what the booklet for
Decimal(4337820) contains.

Decimal(4337820)	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(4337820)

Conversions

Conversions Part 1

Format	Color
Hex	42309C
RGB	66, 48, 156
RGB Percent	26%, 19%, 61%
CMY	0.7412, 0.8118, 0.3882
CMYK	0.58, 0.69, 0.00, 0.39
HSL	250°, 53%, 40%
HSV	250°, 69%, 61%
XYZ	9.3045, 5.6725, 32.0570
YIQ	65.6940, -23.9400, 37.4040

Conversions

Conversions Part 2

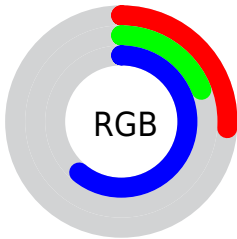
Format	Color
R_{YB}	66, 48, 156
Decimal	4337820
CIE Lab	28.57, 38.32, -56.20
CIE LCh	29, 68.027, 304.288
Yxy	5.6725, 0.1978, 0.1206
Android (android.graphics.Color)	4282527900 (0xFF42309C)
YUV	65.6940, 44.5209, 0.2684
Hunter-Lab	23.8169, 28.0543, -63.1310

Details

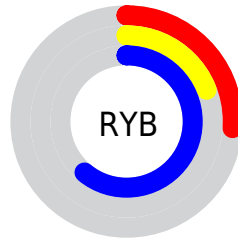
The Decimal color **4337820** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9083952**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **8085715**, and **1128** is the 20% darker color. If you saturate the color by 10%, you get **3481756**, and if you desaturate by 10%, it is **5193884**.

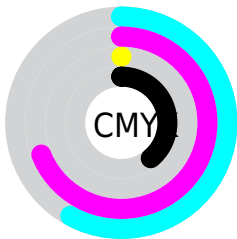
Distribution



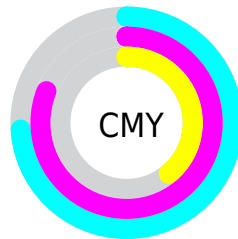
- Red (26%)
- Green (19%)
- Blue (61%)



- Red (26%)
- Yellow (19%)
- Blue (61%)



- Cyan (58%)
- Magenta (69%)
- Yellow (0%)
- Black (39%)



- Cyan (74%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4337820 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 4337820 by changing the saturation by 10% instead.

■ 4337820

■ 4337820

16777215

■ 2234753

■ 8085715

■ 1128

■ 9927152

■ 79

■ 11834367

■ 1335

■ 13741823

■ 544

■ 15649279

■ 5

■ 16770815

■ 0

■ 4337820

■ 4337820

■ 3481756

■ 5193884

■ 2625948

■ 6049692

■ 1769884

■ 6905756

■ 1704092

■ 7761564

■ 8617628

■ 9473692

■ 10329500

■ 11185564

■ 12041372

Harmonies

Analogous

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



18863



4337820



8650866

Triad

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



4337820



7744768



22346

Complementary

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



4337820



9083952

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.



21775



4337820



5063680

Square

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



4337820



9568266



544768



22654

Rectangle

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



4337820



9830480



544768



22071

Sweetspot

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



4337820



11051468



3181212



5328230



15132390



6710886

Same Dimension

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



4337820



4137932



7876764



4736847



1573007



196623

Inverse Universe

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



10236042



13378480



5545008



5195598



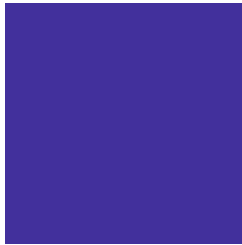
9371767



983053

Previews

White Background



This preview shows how the Decimal color 4337820 looks on a white background.

Color Contrast Check

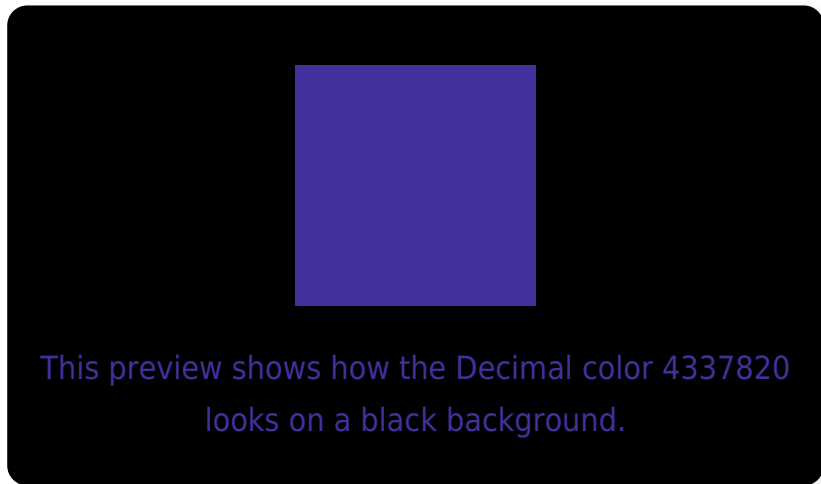
Large Text (above 18pt) WCAG AA ✓ Pass

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

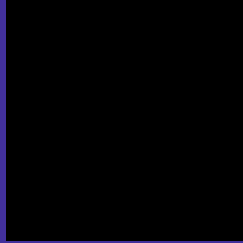
Any Text WCAG AA × Fail

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 4337820 Background



This preview shows how black text looks on a background with the Decimal color 4337820.



This preview shows how white text looks on a background with the Decimal color 4337820.

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



Trichromacy



Original Color
4337820

Protanomaly
1588113

Deuteranomaly
1588612

Tritanomaly
3031147

Monochromacy



Original Color
4337820

Achromatopsia
4342338

Achromatomaly
4340579

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4337820 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 #42309C looks like.

```
.text, #text, p{  
    color:#42309C  
}
```

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 #42309C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42309C
}
```

Border

The CSS property to change the border of an element to Decimal 4337820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

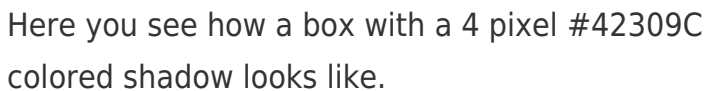
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42309C }
```

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

```
.border{ border-color:#42309C }
```

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



Here you see how a box with a 4 pixel #42309C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42309C; -webkit-box-shadow:4px 4px  
4px 4px #42309C; box-shadow:4px 4px 4px  
4px #42309C }
```

Background

The CSS property to change the background color of an element to Decimal 4337820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42309C }
```

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

```
.background{ background-color:#42309C }
```

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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