

# Converting Colors

Decimal(4143296)

Have a look what the booklet for  
Decimal(4143296) contains.

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# Color

**Decimal(4143296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F38C0
RGB	63, 56, 192
RGB Percent	25%, 22%, 75%
CMY	0.7529, 0.7804, 0.2471
CMYK	0.67, 0.71, 0.00, 0.25
HSL	243°, 55%, 49%
HSV	243°, 71%, 75%
XYZ	12.9785, 7.6909, 50.6696
YIQ	73.5970, -39.4840, 43.7800

# Conversions

## Conversions Part 2

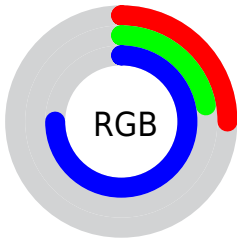
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 56, 192
Decimal	4143296
CIE Lab	33.33, 44.84, -69.93
CIE LCh	33, 83.075, 302.668
Yxy	7.6909, 0.1819, 0.1078
Android (android.graphics.Color)	4282333376 (0xFF3F38C0)
YUV	73.5970, 58.3727, -9.2936
Hunter-Lab	27.7324, 35.0044, -88.9154

# Details

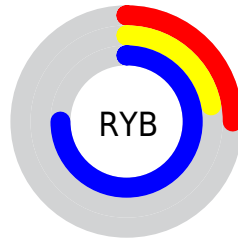
The Decimal color **4143296** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **12173368**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **8349946**, and **2953** is the 20% darker color. If you saturate the color by 10%, you get **2958784**, and if you desaturate by 10%, it is **5327808**.

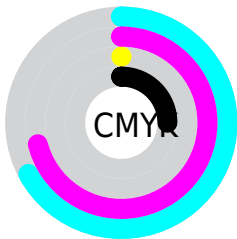
# Distribution



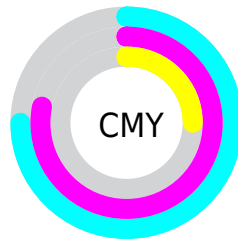
- Red (25%)
- Green (22%)
- Blue (75%)



- Red (25%)
- Yellow (22%)
- Blue (75%)



- Cyan (67%)
- Magenta (71%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (78%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4143296 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 4143296 by changing the saturation by 10% instead.





4143296



4143296

16777215



1122724



8349946



2953



10257151



111



12230143



85



14203135



1597



16241919



806



16773375



271



0



4143296



4143296

■ 2958784

■ 5327808

■ 1774272

■ 6512320

■ 655552

■ 7762624

■ 8947136

■ 10131648

■ 11316160

■ 12500672

■ 13750976

■ 14935488

# Harmonies

## Analogous

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



22486



4143296



10223756

# Triad

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



4143296



9318144



26195

# Complementary

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



4143296



12173368

# 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.



25345



4143296



6049536

# Square

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



4143296



11534347



23808



26517

# Rectangle

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



4143296



11796578



23808



25916



# Sweetspot

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



4143296



13157882



3717568



6250109



16579836



8224125



# Same Dimension

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



4143296



3155450



8599744



5789537



524449



131105



# Inverse Universe

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



12597433



16393711



7716920



6379360



10551448

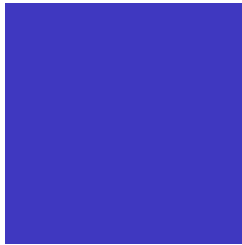


2162719



# Previews

## White Background



This preview shows how the Decimal color 4143296 looks on a white background.

## Color Contrast Check

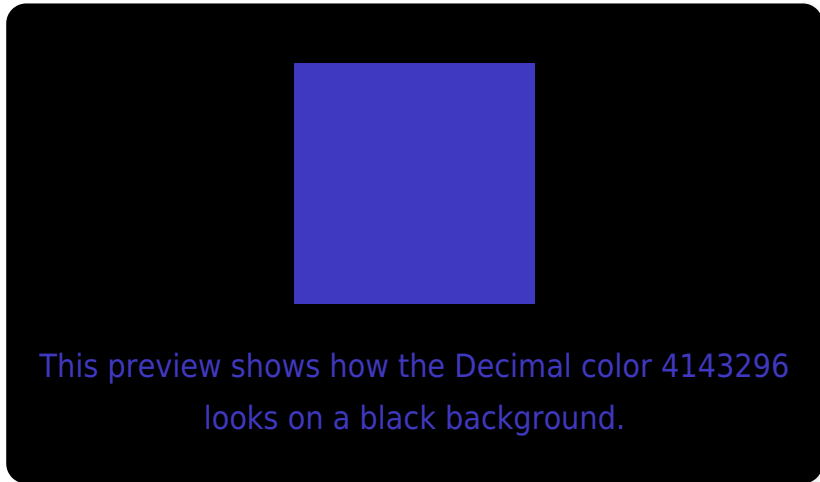
Large Text (above 18pt) WCAG AA ✓ Pass

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

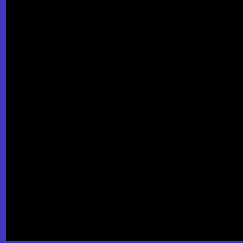
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4143296 Background



This preview shows how black text looks on a background with the Decimal color 4143296.



This preview shows how white text looks on a background with the Decimal color 4143296.

# 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**  
4143296

**Protanomaly**  
1524907

**Tritanomaly**  
1526913

# Monochromacy



**Original Color**  
4143296

**Achromatopsia**  
4868682

**Achromatomaly**  
4604789

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4143296 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 #3F38C0 looks like.

```
.text, #text, p{  
    color:#3F38C0  
}
```

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 #3F38C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F38C0
}
```

## Border

The CSS property to change the border of an element to Decimal 4143296 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
#3F38C0 }
```

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

```
.border{ border-color:#3F38C0 }
```

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

Here you see how a box with a 4 pixel #3F38C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F38C0; -webkit-box-shadow:4px 4px  
4px 4px #3F38C0; box-shadow:4px 4px 4px  
4px #3F38C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 4143296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F38C0 }
```

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

```
.background{ background-color:#3F38C0 }
```

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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