

# Converting Colors

Decimal(4732017)

Have a look what the booklet for  
Decimal(4732017) contains.

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# Color

**Decimal(4732017)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 483471                    |
| RGB         | 72, 52, 113               |
| RGB Percent | 28%, 20%, 44%             |
| CMY         | 0.7176, 0.7961, 0.5569    |
| CMYK        | 0.36, 0.54, 0.00, 0.56    |
| HSL         | 260°, 37%, 32%            |
| HSV         | 260°, 54%, 44%            |
| XYZ         | 6.8811, 5.0260, 16.2302   |
| YIQ         | 64.9340, -7.6610, 23.2110 |

# Conversions

## Conversions Part 2

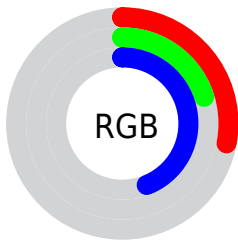
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 72, 52, 113                   |
| Decimal                             | 4732017                       |
| CIE <sub>Lab</sub>                  | 26.81, 23.87, -32.24          |
| CIE <sub>LCh</sub>                  | 27, 40.111, 306.520           |
| Yxy                                 | 5.0260, 0.2446,<br>0.1786     |
| Android<br>(android.graphics.Color) | 4282922097<br>(0xFF483471)    |
| YUV                                 | 64.9340, 23.6965,<br>6.1969   |
| Hunter-Lab                          | 22.4186, 15.5557,<br>-27.2306 |

# Details

The Decimal color **4732017** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6123828**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **8086437**, and **1509696** is the 20% darker color. If you saturate the color by 10%, you get **4204913**, and if you desaturate by 10%, it is **5259121**.

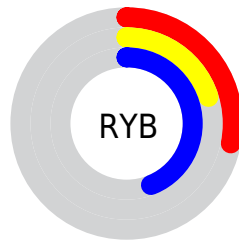
# Distribution



Red (28%)

Green (20%)

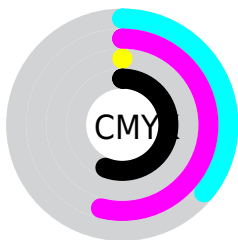
Blue (44%)



Red (28%)

Yellow (20%)

Blue (44%)

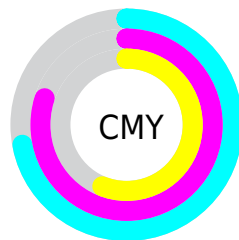


Cyan (36%)

Magenta (54%)

Yellow (0%)

Black (56%)



Cyan (72%)

Magenta (80%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4732017 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 4732017 by changing the saturation by 10% instead.



■ 4732017

■ 4732017

16777215

■ 3087960

■ 8086437

■ 1509696

■ 9796801

■ 42

■ 11638493

■ 276

■ 13480441

■ 0

■ 15322623

■ 16771583

■ 4732017

■ 4732017

■ 4204913

■ 5259121

■ 3743089

■ 5720945

■ 3215985

■ 6248049

■ 2754417

■ 6709617

■ 2424945

■ 7236977

■ 7764081

■ 8225649

■ 8752753

■ 9214577

# Harmonies

## Analogous

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



16765



4732017



6890840

# Triad

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



4732017



6305024



19781

# Complementary

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



4732017



6123828

# 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.



19493



4732017



4734976

# Square

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



4732017



7415581



2574342



19811

# Rectangle

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



4732017



7544644



2574342



19771



# Sweetspot

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



4732017



8682644



3432049



4275274



13224393



4868682



# Same Dimension

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



4732017



5452948



6698097



3420728



2556024



5308663



# Inverse Universe

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



7418973



9712756



4157748



3682870



7864401



16187558



# Previews

## White Background



This preview shows how the Decimal color 4732017 looks on a white background.

## Color Contrast Check

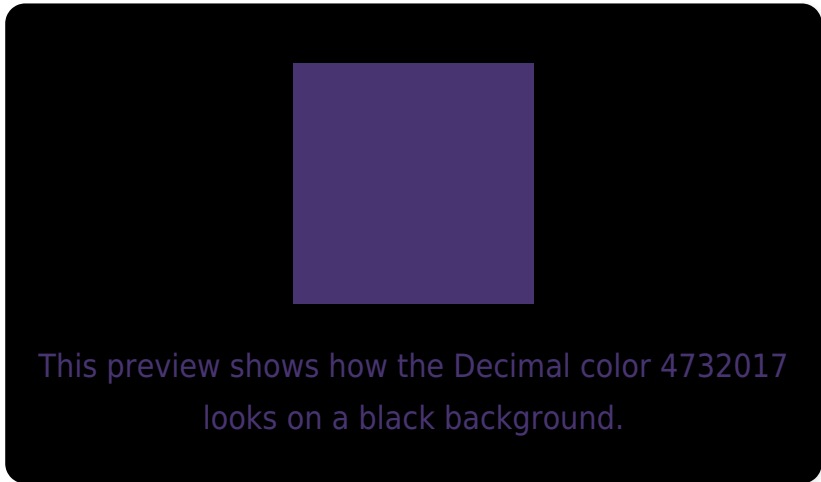
Large Text (above 18pt) WCAG AA ✓ Pass

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

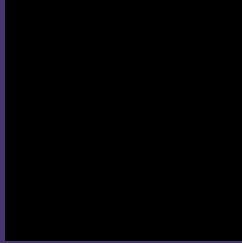
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 4732017 Background



This preview shows how black text looks on a background with the Decimal color 4732017.



This preview shows how white text looks on a background with the Decimal color 4732017.

# 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**  
4732017

**Protanopia**  
1851003

**Deuteranopia**  
1720430



**Tritanopia**  
4079428

# Trichromacy



**Original Color**  
4732017

**Protanomaly**  
2898551

**Deuteranomaly**  
2833519

**Tritanomaly**  
4340564

# Monochromacy



**Original Color**  
4732017

**Achromatopsia**  
4276545

**Achromatomaly**  
4471890

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4732017 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 #483471 looks like.

```
.text, #text, p{  
    color:#483471  
}
```

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 #483471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #483471
}
```

## Border

The CSS property to change the border of an element to Decimal 4732017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

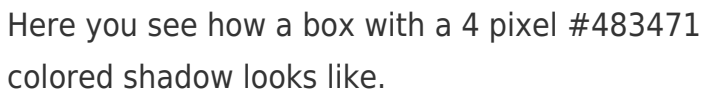
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#483471 }
```

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

```
.border{ border-color:#483471 }
```

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



Here you see how a box with a 4 pixel #483471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #483471; -webkit-box-shadow:4px 4px  
4px 4px #483471; box-shadow:4px 4px 4px  
4px #483471 }
```

# Background

The CSS property to change the background color of an element to Decimal 4732017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#483471 }
```

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

```
.background{ background-color:#483471 }
```

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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