

Converting Colors

Decimal(4666217)

Have a look what the booklet for
Decimal(4666217) contains.

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Color

Decimal(4666217)

Conversions

Conversions Part 1

Format	Color
Hex	473369
RGB	71, 51, 105
RGB Percent	28%, 20%, 41%
CMY	0.7216, 0.8000, 0.5882
CMYK	0.32, 0.51, 0.00, 0.59
HSL	262°, 35%, 31%
HSV	262°, 51%, 41%
XYZ	6.3322, 4.7272, 13.9433
YIQ	63.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

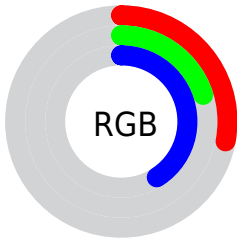
Format	Color
R_{YB}	71, 51, 105
Decimal	4666217
CIE Lab	25.94, 21.91, -28.49
CIE LCh	26, 35.941, 307.553
Yxy	4.7272, 0.2533, 0.1891
Android (android.graphics.Color)	4282856297 (0xFF473369)
YUV	63.1360, 20.6390, 6.8967
Hunter-Lab	21.7420, 13.9378, -22.8036

Details

The Decimal color **4666217** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5597491**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **7955101**, and **1574969** is the 20% darker color. If you saturate the color by 10%, you get **4204905**, and if you desaturate by 10%, it is **5127785**.

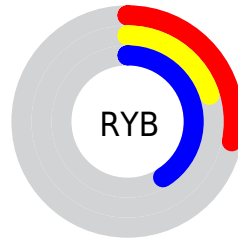
Distribution



Red (28%)

Green (20%)

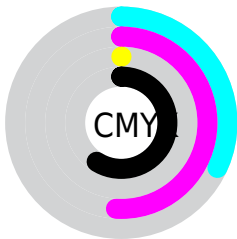
Blue (41%)



Red (28%)

Yellow (20%)

Blue (41%)

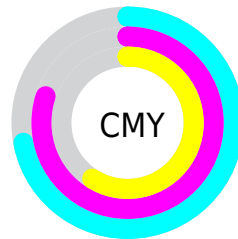


Cyan (32%)

Magenta (51%)

Yellow (0%)

Black (59%)



Cyan (72%)

Magenta (80%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4666217 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 4666217 by changing the saturation by 10% instead.

■ 4666217

■ 4666217

16777215

■ 3087697

■ 7955101

■ 1574969

■ 9731000

■ 35

■ 11507155

■ 10

■ 13283568

■ 0

■ 15191039

■ 16771071

■ 4666217

■ 4666217

■ 4204905

■ 5127785

■ 3808873

■ 5523561

■ 3347561

■ 5985129

■ 2951529

■ 6380905

■ 2556009

■ 6842473

■ 7303785

■ 7699817

■ 8161129

■ 8622697

Harmonies

Analogous

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



15988



4666217



6498131

Triad

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



4666217



5977095



19012

Complementary

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



4666217



5597491

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.



18727



4666217



4472320

Square

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



4666217



6957342



2573581



18782

Rectangle

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



4666217



7086657



2573581



19002

Sweetspot

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



4666217



8222090



3364201



4012101



12895428



4539717

Same Dimension

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



4666217



5518474



6435689



3289142



2818165



5964021

Inverse Universe

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



6894421



9057386



3828019



3551284



7667786



16056474

Previews

White Background



This preview shows how the Decimal color 4666217 looks on a white background.

Color Contrast Check

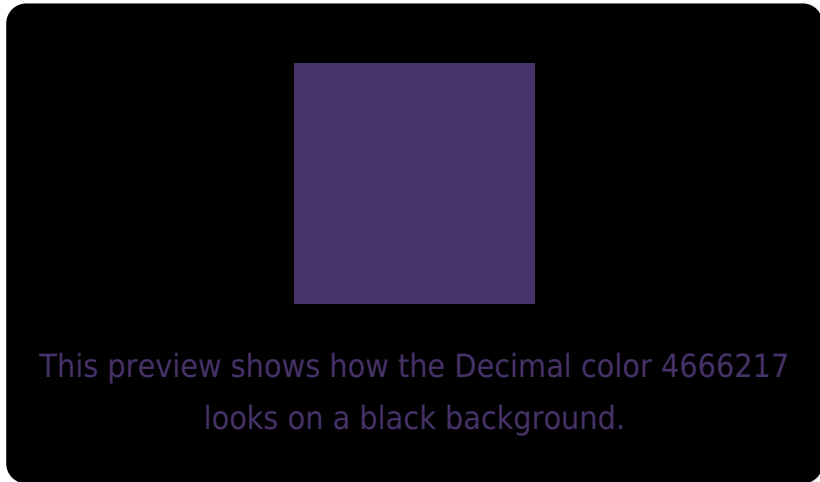
Large Text (above 18pt) WCAG AA ✓ Pass

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

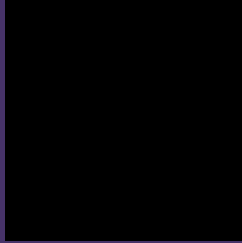
Any Text WCAG AA × Fail

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 4666217 Background



This preview shows how black text looks on a background with the Decimal color 4666217.



This preview shows how white text looks on a background with the Decimal color 4666217.

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
4666217

Protanopia
2243698

Deuteranopia
2244199



Tritanopia
4144450

Trichromacy



Original Color
4666217

Protanomaly
3094895

Deuteranomaly
3095144

Tritanomaly
4340048

Monochromacy



Original Color
4666217

Achromatopsia
4144959

Achromatomaly
4340558

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4666217 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 #473369 looks like.

```
.text, #text, p{  
  color:#473369  
}
```

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 #473369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473369
}
```

Border

The CSS property to change the border of an element to Decimal 4666217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

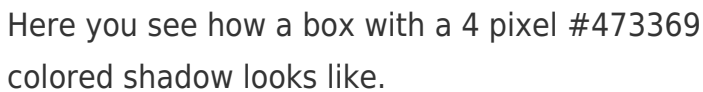
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473369 }
```

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

```
.border{ border-color:#473369 }
```

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



Here you see how a box with a 4 pixel #473369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473369; -webkit-box-shadow:4px 4px  
4px 4px #473369; box-shadow:4px 4px 4px  
4px #473369 }
```

Background

The CSS property to change the background color of an element to Decimal 4666217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473369 }
```

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

```
.background{ background-color:#473369 }
```

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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