

Converting Colors

Decimal(4663418)

Have a look what the booklet for
Decimal(4663418) contains.

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Color

Decimal(4663418)

Conversions

Conversions Part 1

Format	Color
Hex	47287A
RGB	71, 40, 122
RGB Percent	28%, 16%, 48%
CMY	0.7216, 0.8431, 0.5216
CMYK	0.42, 0.67, 0.00, 0.52
HSL	263°, 51%, 32%
HSV	263°, 67%, 48%
XYZ	6.8702, 4.2623, 18.8730
YIQ	58.6170, -7.8460, 32.0740

Conversions

Conversions Part 2

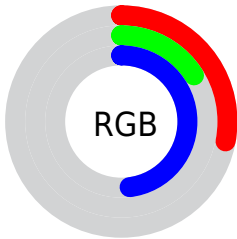
Format	Color
R _{YB}	71, 40, 122
Decimal	4663418
CIE Lab	24.52, 33.62, -41.65
CIE LCh	25, 53.528, 308.913
Yxy	4.2623, 0.2290, 0.1421
Android (android.graphics.Color)	4282853498 (0xFF47287A)
YUV	58.6170, 31.2478, 10.8599
Hunter-Lab	20.6454, 23.2701, -39.7482

Details

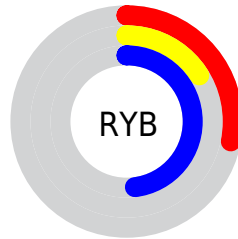
The Decimal color **4663418** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5995048**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **8148911**, and **1179720** is the 20% darker color. If you saturate the color by 10%, you get **4136058**, and if you desaturate by 10%, it is **5190778**.

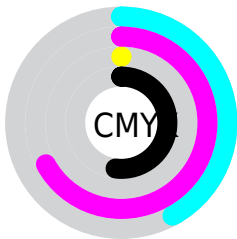
Distribution



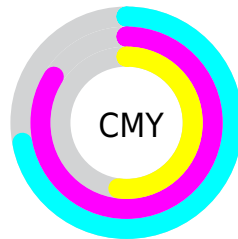
- Red (28%)
- Green (16%)
- Blue (48%)



- Red (28%)
- Yellow (16%)
- Blue (48%)



- Cyan (42%)
- Magenta (67%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (84%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4663418 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 4663418 by changing the saturation by 10% instead.

■ 4663418

■ 4663418

16777215

■ 2953569

■ 8148911

■ 1179720

■ 9924811

■ 49

■ 11700967

■ 283

■ 13542911

■ 0

■ 15450367

■ 16768255

■ 16775679

■ 4663418

■ 4663418

■ 4136058

■ 5190778

■ 3674234

■ 5652602

■ 3146618

■ 6180218

■ 3014778

■ 6642042

■ 7169402

■ 7696762

■ 8158586

■ 8686202

■ 9148026

Harmonies

Analogous

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



15499



4663418



7406168

Triad

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



4663418



6237440



19014

Complementary

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



4663418



5995048

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.



18715



4663418



4078848

Square

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



4663418



7737607



738560



19053

Rectangle

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



4663418



8126526



738560



19000

Sweetspot

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



4663418



9076382



2645114



4406351



13619151



5197647

Same Dimension

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



4663418



5119646



7284858



3749693



3080317



6226172

Inverse Universe

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



8005723



10362478



3373608



4011835



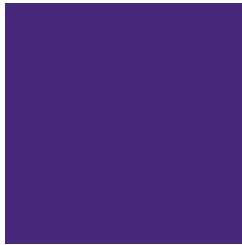
8192078



16515229

Previews

White Background



This preview shows how the Decimal color 4663418 looks on a white background.

Color Contrast Check

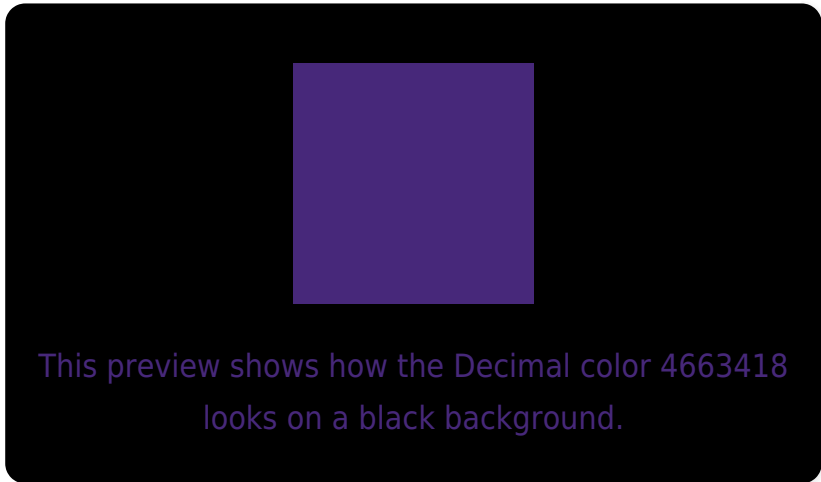
Large Text (above 18pt) WCAG AA ✓ Pass

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

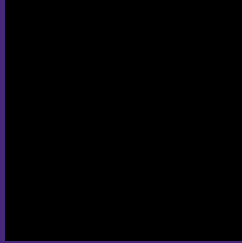
Any Text WCAG AA × Fail

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 4663418 Background



This preview shows how black text looks on a background with the Decimal color 4663418.



This preview shows how white text looks on a background with the Decimal color 4663418.

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](#).

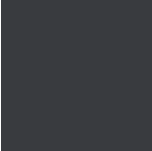
Dichromacy



Original Color
4663418

Protanopia
14712

Deuteranopia
15464



Tritanopia
3750719

Trichromacy



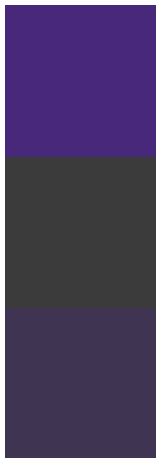
Original Color
4663418

Protanomaly
1717113

Deuteranomaly
1717615

Tritanomaly
4076628

Monochromacy



Original Color
4663418

Achromatopsia
3881787

Achromatomaly
4142162

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4663418 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 #47287A looks like.

```
.text, #text, p{  
    color:#47287A  
}
```

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 #47287A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47287A
}
```

Border

The CSS property to change the border of an element to Decimal 4663418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

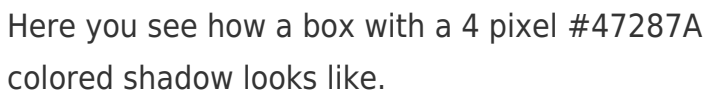
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47287A }
```

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

```
.border{ border-color:#47287A }
```

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



Here you see how a box with a 4 pixel #47287A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47287A; -webkit-box-shadow:4px 4px  
4px 4px #47287A; box-shadow:4px 4px 4px  
4px #47287A }
```

Background

The CSS property to change the background color of an element to Decimal 4663418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47287A }
```

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

```
.background{ background-color:#47287A }
```

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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