

Converting Colors

Decimal(4673678)

Have a look what the booklet for
Decimal(4673678) contains.

Decimal(4673678)	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(4673678)

Conversions

Conversions Part 1

Format	Color
Hex	47508E
RGB	71, 80, 142
RGB Percent	28%, 31%, 56%
CMY	0.7216, 0.6863, 0.4431
CMYK	0.50, 0.44, 0.00, 0.44
HSL	232°, 33%, 42%
HSV	232°, 50%, 56%
XYZ	10.3497, 9.0299, 26.7886
YIQ	84.3770, -25.2660, 17.3740

Conversions

Conversions Part 2

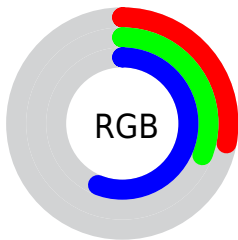
Format	Color
R_{YB}	71, 79, 142
Decimal	4673678
CIE _{Lab}	36.04, 14.44, -35.59
CIE _{LCh}	36, 38.414, 292.087
Yxy	9.0299, 0.2242, 0.1956
Android (android.graphics.Color)	4282863758 (0xFF47508E)
YUV	84.3770, 28.4081, -11.7316
Hunter-Lab	30.0498, 8.8914, -31.8207

Details

The Decimal color **4673678** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9340231**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8159684**, and **926811** is the 20% darker color. If you saturate the color by 10%, you get **3753102**, and if you desaturate by 10%, it is **5594254**.

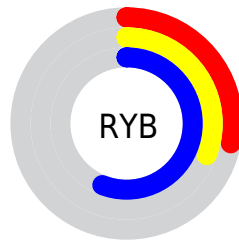
Distribution



Red (28%)

Green (31%)

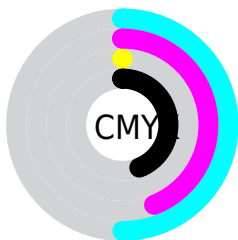
Blue (56%)



Red (28%)

Yellow (31%)

Blue (56%)

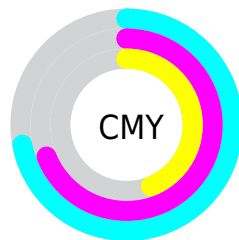


Cyan (50%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4673678 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 4673678 by changing the saturation by 10% instead.

■ 4673678

■ 4673678

16777215

■ 2898292

■ 8159684

■ 926811

■ 9935840

■ 4163

■ 11712253

■ 813

■ 13619711

■ 279

■ 15462143

■ 0

■ 4673678

■ 4673678

■ 3753102

■ 5594254

■ 2832270

■ 6515086

■ 1846158

■ 7501198

■ 925326

■ 8422030

■ 4750

■ 9342606

■ 10263182

■ 11184014

■ 12170126

■ 13090958

Harmonies

Analogous

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



23442



4673678



7488379

Triad

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



4673678



8537125



25419

Complementary

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



4673678



9340231

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.



2646061



4673678



7098387

Square

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



4673678



9255487



5200407



25707

Rectangle

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



4673678



8600680



5200407



25153

Sweetspot

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



4673678



10264760



4689541



4935004



14408667



6052956

Same Dimension

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



4673678



4806584



6375310



4211015



4487



264

Inverse Universe

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



9324368



12077399



7638599



4669505



8847377



524289

Previews

White Background



This preview shows how the Decimal color 4673678 looks on a white background.

Color Contrast Check

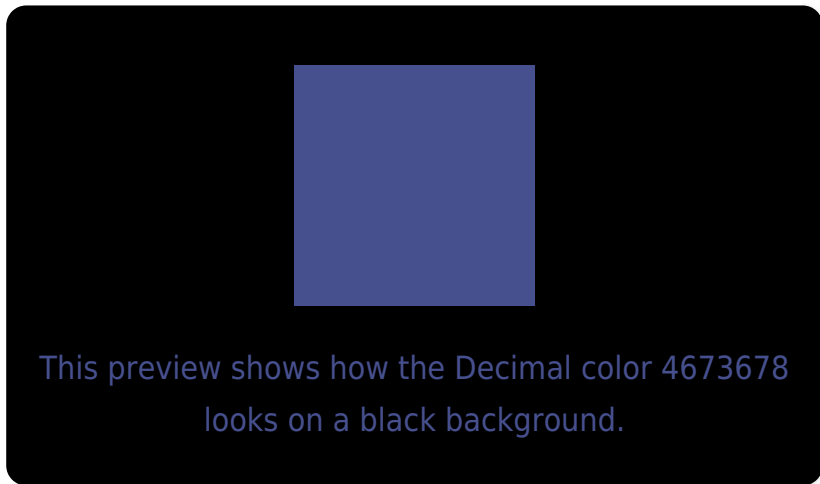
Large Text (above 18pt) WCAG AA ✓ Pass

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 4673678 Background



This preview shows how black text looks on a background with the Decimal color 4673678.

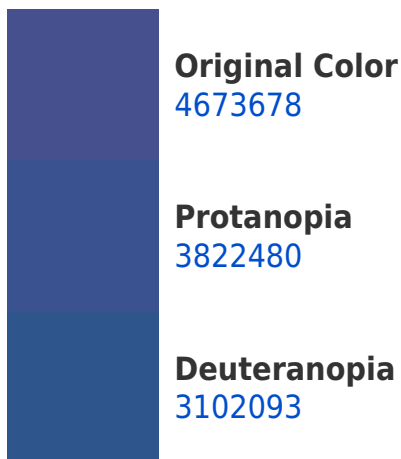


This preview shows how white text looks on a background with the Decimal color 4673678.

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
4673678

Protanomaly
4149903

Deuteranomaly
3691405

Tritanomaly
4085361

Monochromacy



Original Color
4673678

Achromatopsia
5526612

Achromatomaly
5198697

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4673678 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 #47508E looks like.

```
.text, #text, p{  
    color:#47508E  
}
```

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 #47508E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47508E
}
```

Border

The CSS property to change the border of an element to Decimal 4673678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

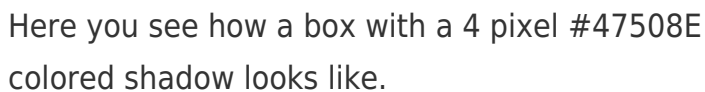
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47508E }
```

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

```
.border{ border-color:#47508E }
```

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



Here you see how a box with a 4 pixel #47508E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47508E; -webkit-box-shadow:4px 4px  
4px 4px #47508E; box-shadow:4px 4px 4px  
4px #47508E }
```

Background

The CSS property to change the background color of an element to Decimal 4673678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47508E }
```

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

```
.background{ background-color:#47508E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor