

Converting Colors

Decimal(4678771)

Have a look what the booklet for
Decimal(4678771) contains.

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Color

Decimal(4678771)

Conversions

Conversions Part 1

Format	Color
Hex	476473
RGB	71, 100, 115
RGB Percent	28%, 39%, 45%
CMY	0.7216, 0.6078, 0.5490
CMYK	0.38, 0.13, 0.00, 0.55
HSL	200°, 24%, 36%
HSV	200°, 38%, 45%
XYZ	10.2502, 11.6917, 17.9361
YIQ	93.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

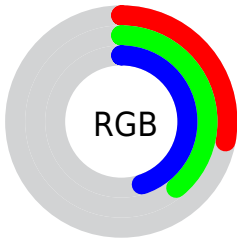
Format	Color
R_{YB}	71, 88, 115
Decimal	4678771
CIE Lab	40.72, -6.50, -11.84
CIE LCh	41, 13.504, 241.248
Yxy	11.6917, 0.2570, 0.2932
Android (android.graphics.Color)	4282868851 (0xFF476473)
YUV	93.0390, 10.8268, -19.3282
Hunter-Lab	34.1932, -6.3285, -7.1655

Details

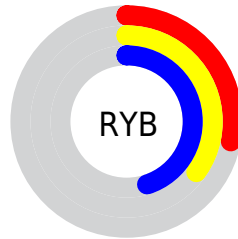
The Decimal color **4678771** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7558727**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **7968679**, and **1520963** is the 20% darker color. If you saturate the color by 10%, you get **3956851**, and if you desaturate by 10%, it is **5466227**.

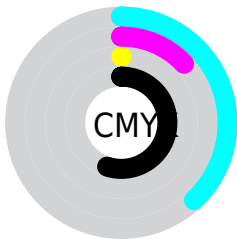
Distribution



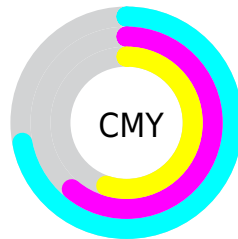
- Red (28%)
- Green (39%)
- Blue (45%)



- Red (28%)
- Yellow (35%)
- Blue (45%)



- Cyan (38%)
- Magenta (13%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4678771 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 4678771 by changing the saturation by 10% instead.



4678771



4678771

16777215



3099738



7968679



1520963



9679554



8237



11455966



1561



13298171



0



15204351



4678771



4678771



3956851



5466227



3169395



6188147

■ 2447475

■ 6975603

■ 1660019

■ 7697523

■ 872563

■ 8484979

■ 150643

■ 9206899

■ 19571

■ 9994099

■ 10716019

■ 11503475

Harmonies

Analogous

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



4286059



4678771



5529974

Triad

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



4678771



7755872



6054733

Complementary

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



4678771



7558727

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.



6840138



4678771



7821653

Square

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



4678771



7297643



7494733



5203285

Rectangle

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



4678771



6184564



7494733



6316619

Sweetspot

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



4678771



8819094



4682582



4409677



13421772



5066061

Same Dimension

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



4678771



5341078



4673139



3488059



20858



42490

Inverse Universe

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



7554916



9851263



7564359



3880249



7995473



16384165

Previews

White Background



This preview shows how the Decimal color 4678771 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 × Fail

Black Background



This preview shows how the Decimal color 4678771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

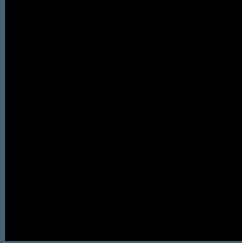
Any Text WCAG AA × Fail

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 4678771 Background



This preview shows how black text looks on a background with the Decimal color 4678771.



This preview shows how white text looks on a background with the Decimal color 4678771.

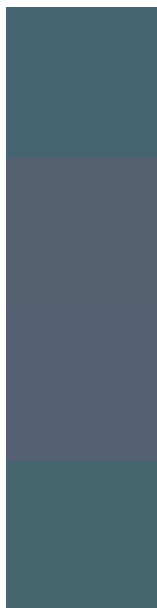
Color Blindness Simulation

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

4678771

Protanomaly

5595505

Deuteranomaly

5660788

Tritanomaly

4613487

Monochromacy



Original Color

4678771

Achromatopsia

6118749

Achromatomaly

5595237

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4678771 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 #476473 looks like.

```
.text, #text, p{  
    color:#476473  
}
```

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 #476473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476473
}
```

Border

The CSS property to change the border of an element to Decimal 4678771 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
#476473 }
```

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

```
.border{ border-color:#476473 }
```

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

Here you see how a box with a 4 pixel #476473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476473; -webkit-box-shadow:4px 4px  
4px 4px #476473; box-shadow:4px 4px 4px  
4px #476473 }
```

Background

The CSS property to change the background color of an element to Decimal 4678771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476473 }
```

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

```
.background{ background-color:#476473 }
```

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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