

Converting Colors

Decimal(4686705)

Have a look what the booklet for
Decimal(4686705) contains.

Decimal(4686705)	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(4686705)

Conversions

Conversions Part 1

Format	Color
Hex	478371
RGB	71, 131, 113
RGB Percent	28%, 51%, 44%
CMY	0.7216, 0.4863, 0.5569
CMYK	0.46, 0.00, 0.14, 0.49
HSL	162°, 30%, 40%
HSV	162°, 46%, 51%
XYZ	13.6955, 18.7644, 18.5229
YIQ	111.0080, -29.9820, -18.3180

Conversions

Conversions Part 2

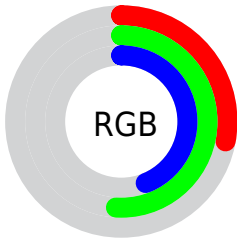
Format	Color
R_{YB}	71, 106, 131
Decimal	4686705
CIE _{Lab}	50.41, -24.12, 3.68
CIE _{LCh}	50, 24.402, 171.321
Yxy	18.7644, 0.2686, 0.3681
Android (android.graphics.Color)	4282876785 (0xFF478371)
YUV	111.0080, 0.9821, -35.0870
Hunter-Lab	43.3179, -19.3716, 4.9700

Details

The Decimal color **4686705** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8603481**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8108197**, and **1134913** is the 20% darker color. If you saturate the color by 10%, you get **3834733**, and if you desaturate by 10%, it is **5538677**.

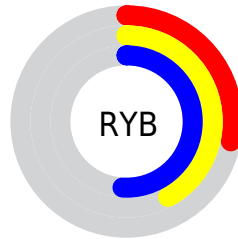
Distribution



Red (28%)

Green (51%)

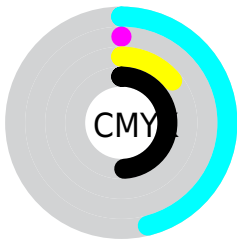
Blue (44%)



Red (28%)

Yellow (42%)

Blue (51%)

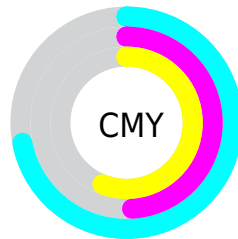


Cyan (46%)

Magenta (0%)

Yellow (14%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4686705 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 4686705 by changing the saturation by 10% instead.

 4686705

 4686705

16777215

 2976345

 8108197

 1134913

 9884864

 14891

 11661788

 9239

 13500408

 768

 15400959

 0

 4686705

 4686705

 3834733

 5538677

 2982761

 6390649

■ 2130789

■ 7242621

■ 1278817

■ 8094593

■ 426845

■ 9012101

■ 33628

■ 9864073

■ 10716045

■ 11568016

■ 12419988

Harmonies

Analogous

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



6258781



4686705



3507078

Triad

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



4686705



7501215



10186328

Complementary

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



4686705



8603481

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.



10578282



4686705



9268882

Square

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



4686705



5471393



10316159



9205071

Rectangle

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



4686705



3441299



10316159



10382430

Sweetspot

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



4686705



9677732



5866311



4740946



14079702



5723991

Same Dimension

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



4686705



5090191



4683651



3949120



33371



770

Inverse Universe

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



8603481



11226473



8606535



4340798



8519719



196609

Previews

White Background



This preview shows how the Decimal color 4686705 looks on a white 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

Black Background



This preview shows how the Decimal color 4686705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

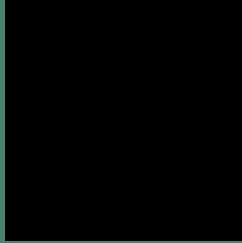
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

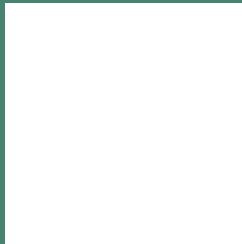
Any Text WCAG AAA × Fail

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

Decimal 4686705 Background



This preview shows how black text looks on a background with the Decimal color 4686705.

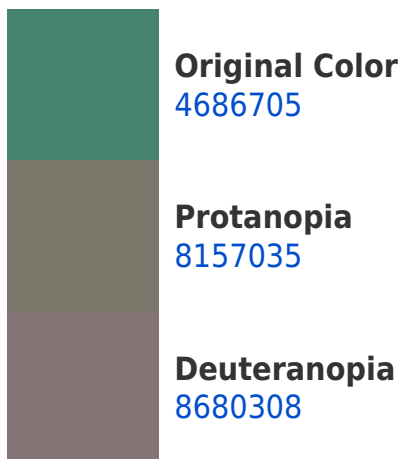



This preview shows how white text looks on a background with the Decimal color 4686705.

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





Tritanopia
5144458

Trichromacy



Original Color
4686705

Protanomaly
6912877

Deuteranomaly
7240051

Tritanomaly
4948097

Monochromacy



Original Color
4686705

Achromatopsia
7303023

Achromatomaly
6321776

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4686705 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 #478371 looks like.

```
.text, #text, p{  
    color:#478371  
}
```

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 #478371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478371
}
```

Border

The CSS property to change the border of an element to Decimal 4686705 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
#478371 }
```

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

```
.border{ border-color:#478371 }
```

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

Here you see how a box with a 4 pixel #478371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478371; -webkit-box-shadow:4px 4px  
4px 4px #478371; box-shadow:4px 4px 4px  
4px #478371 }
```

Background

The CSS property to change the background color of an element to Decimal 4686705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478371 }
```

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

```
.background{ background-color:#478371 }
```

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