

Converting Colors

Decimal(4684451)

Have a look what the booklet for
Decimal(4684451) contains.

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Color

Decimal(4684451)

Conversions

Conversions Part 1

Format	Color
Hex	477AA3
RGB	71, 122, 163
RGB Percent	28%, 48%, 64%
CMY	0.7216, 0.5216, 0.3608
CMYK	0.56, 0.25, 0.00, 0.36
HSL	207°, 39%, 46%
HSV	207°, 56%, 64%
XYZ	16.1689, 17.9030, 37.2538
YIQ	111.4250, -43.5570, 1.9390

Conversions

Conversions Part 2

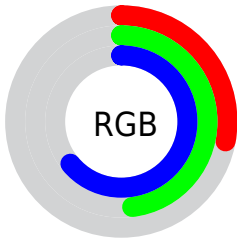
Format	Color
R_{YB}	71, 104, 163
Decimal	4684451
CIE Lab	49.38, -4.76, -27.16
CIE LCh	49, 27.576, 260.066
Yxy	17.9030, 0.2267, 0.2510
Android (android.graphics.Color)	4282874531 (0xFF477AA3)
YUV	111.4250, 25.4265, -35.4527
Hunter-Lab	42.3119, -5.8346, -22.5838

Details

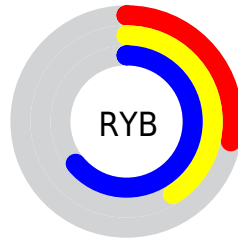
The Decimal color **4684451** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10711111**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8302298**, and **19055** is the 20% darker color. If you saturate the color by 10%, you get **3634083**, and if you desaturate by 10%, it is **5734819**.

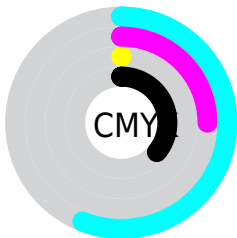
Distribution



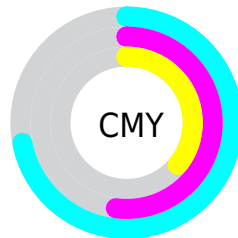
- Red (28%)
- Green (48%)
- Blue (64%)



- Red (28%)
- Yellow (41%)
- Blue (64%)



- Cyan (56%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (72%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4684451 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 4684451 by changing the saturation by 10% instead.



4684451



4684451

16777215



2777481



8302298



19055



10144503



13142



11986687



7743



13828095



809



15794175



275



0



4684451



4684451



3634083



5734819

■ 2517923

■ 6850979

■ 1467555

■ 7901347

■ 417187

■ 8951715

■ 23203

■ 10067619

■ 11118243

■ 12168611

■ 13218979

■ 14334883

Harmonies

Analogous

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



2260889



4684451



7172769

Triad

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



4684451



10708070



5930583

Complementary

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



4684451



10711111

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.



7698761



4684451



10250578

Square

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



4684451



10380414



9204039



4030829

Rectangle

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



4684451



8547481



9204039



6585681

Sweetspot

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



4684451



11584724



4694895



5661291



15461355



7039851

Same Dimension

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



4684451



4494548



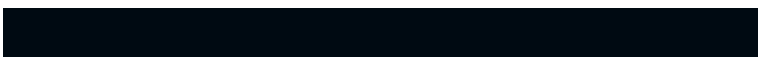
4672931



4804178



20881



2578

Inverse Universe

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



10700666



13911188



10722631



5392718



9502801



1179658

Previews

White Background



This preview shows how the Decimal color 4684451 looks on a white background.

Color Contrast Check

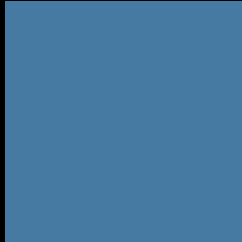
Large Text (above 18pt) WCAG AA ✓ Pass

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 4684451 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

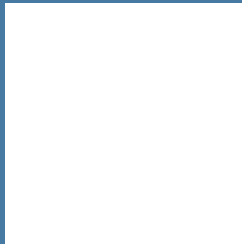
Any Text WCAG AAA × Fail

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

Decimal 4684451 Background



This preview shows how black text looks on a background with the Decimal color 4684451.



This preview shows how white text looks on a background with the Decimal color 4684451.

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](#).

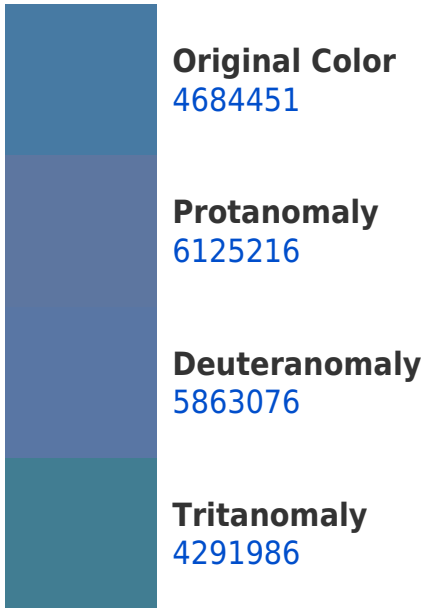
Dichromacy





Tritanopia
4030345

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4684451 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 #477AA3 looks like.

```
.text, #text, p{  
    color:#477AA3  
}
```

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 #477AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477AA3
}
```

Border

The CSS property to change the border of an element to Decimal 4684451 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
#477AA3 }
```

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

```
.border{ border-color:#477AA3 }
```

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

Here you see how a box with a 4 pixel #477AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477AA3; -webkit-box-shadow:4px 4px  
4px 4px #477AA3; box-shadow:4px 4px 4px  
4px #477AA3 }
```

Background

The CSS property to change the background color of an element to Decimal 4684451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477AA3 }
```

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

```
.background{ background-color:#477AA3 }
```

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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