

# Converting Colors

Decimal(4685451)

Have a look what the booklet for  
Decimal(4685451) contains.

<b>Decimal(4685451)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4685451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	477E8B
RGB	71, 126, 139
RGB Percent	28%, 49%, 55%
CMY	0.7216, 0.5059, 0.4549
CMYK	0.49, 0.09, 0.00, 0.45
HSL	191°, 32%, 41%
HSV	191°, 49%, 55%
XYZ	14.7196, 18.1254, 27.1488
YIQ	111.0370, -36.9530, -7.6170

# Conversions

## Conversions Part 2

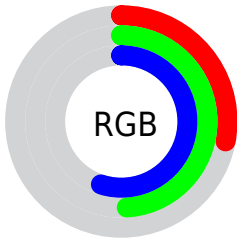
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	71, 101, 139
Decimal	4685451
CIE Lab	49.65, -14.46, -12.70
CIE LCh	50, 19.240, 221.286
Yxy	18.1254, 0.2454, 0.3021
Android (android.graphics.Color)	4282875531 (0xFF477E8B)
YUV	111.0370, 13.7858, -35.1124
Hunter-Lab	42.5739, -12.7894, -8.0067

# Details

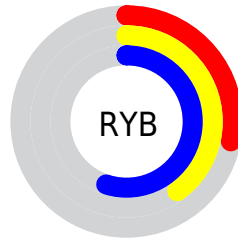
The Decimal color **4685451** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9131079**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8172480**, and **806233** is the 20% darker color. If you saturate the color by 10%, you get **3767179**, and if you desaturate by 10%, it is **5603723**.

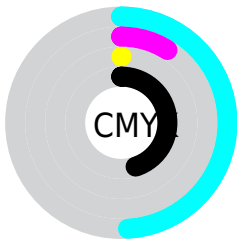
# Distribution



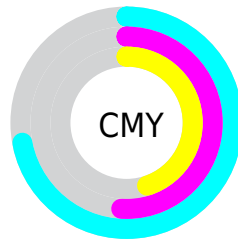
- Red (28%)
- Green (49%)
- Blue (55%)



- Red (28%)
- Yellow (40%)
- Blue (55%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4685451 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 4685451 by changing the saturation by 10% instead.





4685451



4685451

16777215



2909554



8172480



806233



9948892



13890



11791353



8492



13631487



280



15532031



0



4685451



4685451



3767179



5603723



2849163



6521739

1930891

7440011

1012619

8358283

160139

9276299

28811

10129035

11047307

11965323

12883595

# Harmonies

## Analogous

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



4816764



4685451



5602197

# Triad

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



4685451



9464705



8157014

# Complementary

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



4685451



9131079

# 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.



9138776



4685451



9923184

# Square

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



4685451



8417423



9792865



6913117

# Rectangle

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



4685451



6518678



9792865



8484181



# Sweetspot

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



4685451



10137781



4688723



4938076



14408667



6052956



# Same Dimension

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



4685451



4891061



4677003



4080709



27525



1029



# Inverse Universe

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



9127806



11881121



9139527



4537924



8716395



327684



# Previews

## White Background



This preview shows how the Decimal color 4685451 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 4685451 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

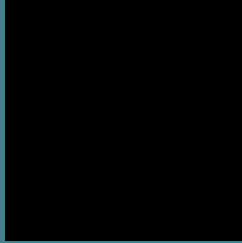
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 4685451 Background



This preview shows how black text looks on a background with the Decimal color 4685451.

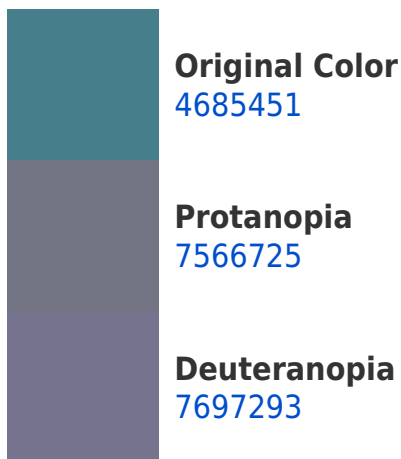


This preview shows how white text looks on a background with the Decimal color 4685451.

# 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**  
4619913

# Trichromacy



**Original Color**  
4685451

**Protanomaly**  
6518919

**Deuteranomaly**  
6584204

**Tritanomaly**  
4619914

# Monochromacy



**Original Color**  
4685451

**Achromatopsia**  
7303023

**Achromatomaly**  
6321273

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4685451 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 #477E8B looks like.

```
.text, #text, p{  
  color:#477E8B  
}
```

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 #477E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477E8B
}
```

## Border

The CSS property to change the border of an element to Decimal 4685451 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
#477E8B }
```

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

```
.border{ border-color:#477E8B }
```

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

Here you see how a box with a 4 pixel #477E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477E8B; -webkit-box-shadow:4px 4px  
4px 4px #477E8B; box-shadow:4px 4px 4px  
4px #477E8B }
```

# Background

The CSS property to change the background color of an element to Decimal 4685451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477E8B }
```

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

```
.background{ background-color:#477E8B }
```

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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