

# Converting Colors

Decimal(4620198)

Have a look what the booklet for  
Decimal(4620198) contains.

<b>Decimal(4620198)</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(4620198)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	467FA6
RGB	70, 127, 166
RGB Percent	27%, 50%, 65%
CMY	0.7255, 0.5020, 0.3490
CMYK	0.58, 0.23, 0.00, 0.35
HSL	204°, 41%, 46%
HSV	204°, 58%, 65%
XYZ	16.9981, 19.2340, 38.8930
YIQ	114.4030, -46.4910, 0.0450

# Conversions

## Conversions Part 2

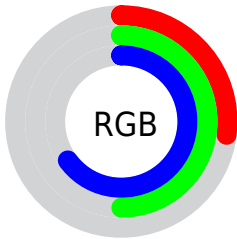
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	70, 106, 166
Decimal	4620198
CIE Lab	50.96, -6.92, -26.46
CIE LCh	51, 27.347, 255.347
Yxy	19.2340, 0.2263, 0.2560
Android (android.graphics.Color)	4282810278 (0xFF467FA6)
YUV	114.4030, 25.4373, -38.9414
Hunter-Lab	43.8566, -7.5654, -21.8801

# Details

The Decimal color **4620198** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10906950**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **8303837**, and **20082** is the 20% darker color. If you saturate the color by 10%, you get **3504294**, and if you desaturate by 10%, it is **5736102**.

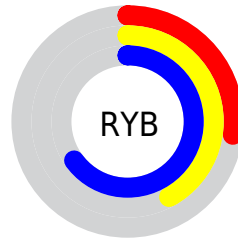
# Distribution



Red (27%)

Green (50%)

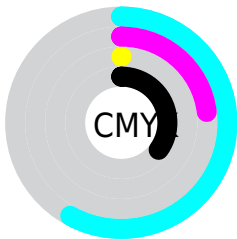
Blue (65%)



Red (27%)

Yellow (42%)

Blue (65%)

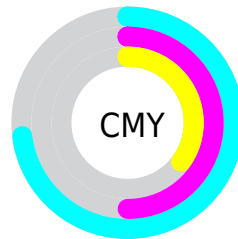


Cyan (58%)

Magenta (23%)

Yellow (0%)

Black (35%)



Cyan (73%)

Magenta (50%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4620198 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 4620198 by changing the saturation by 10% instead.



■ 4620198

■ 4620198

16777215

■ 2647692

■ 8303837

■ 20082

■ 10080250

■ 14169

■ 11987967

■ 8770

■ 13828095

■ 2603

■ 15794175

■ 278

■ 0

■ 4620198

■ 4620198

■ 3504294

■ 5736102

■ 2454182

■ 6786214

■ 1338278

■ 7902118

■ 287910

■ 8952486

■ 25510

■ 10068390

■ 11184038

■ 12234406

■ 13350310

■ 14400678

# Harmonies

## Analogous

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



2524314



4620198



7108518

# Triad

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



4620198



10971246



6521432

# Complementary

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



4620198



10906950

# 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.



8223820



4620198



10644569

# Square

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



4620198



10512774



9663564



4621677

# Rectangle

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



4620198



8549023



9663564



7110739



# Sweetspot

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



4620198



11848409



4630124



5793134



15592941



7237230



# Same Dimension

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



4620198



4431065



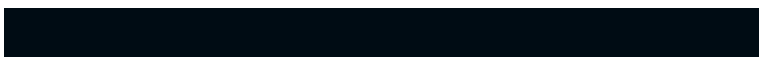
4608166



5001556



22676



3092



# Inverse Universe

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



10897023



14238620



10918982



5524561



9699416



1310732



# Previews

## White Background



This preview shows how the Decimal color 4620198 looks on a white background.

## Color Contrast Check

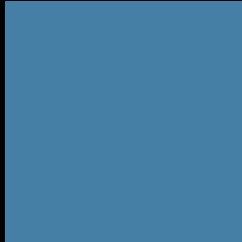
Large Text (above 18pt) WCAG AA ✓ Pass

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 4620198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

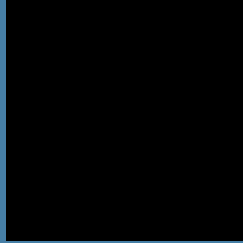
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

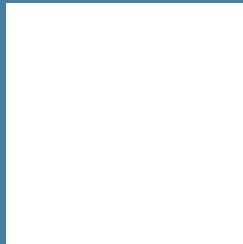
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4620198 Background



This preview shows how black text looks on a background with the Decimal color 4620198.



This preview shows how white text looks on a background with the Decimal color 4620198.

# Color Blindness Simulation

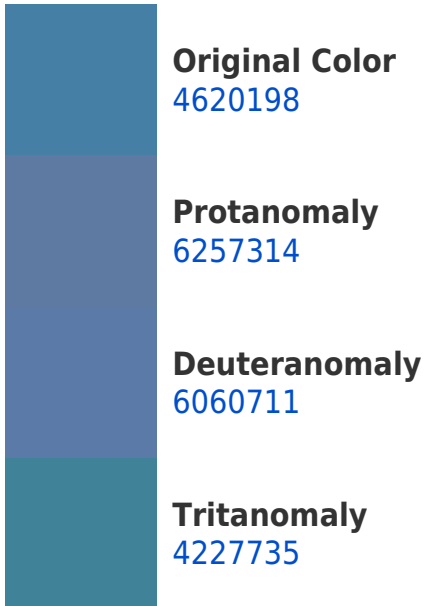
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4620198 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 #467FA6 looks like.

```
.text, #text, p{  
    color:#467FA6  
}
```

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 #467FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467FA6  
}
```

## Border

The CSS property to change the border of an element to Decimal 4620198 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  
#467FA6 }
```

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

```
.border{ border-color:#467FA6 }
```

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

Here you see how a box with a 4 pixel #467FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467FA6; -webkit-box-shadow:4px 4px  
4px 4px #467FA6; box-shadow:4px 4px 4px  
4px #467FA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 4620198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467FA6 }
```

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

```
.background{ background-color:#467FA6 }
```

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