

# Converting Colors

Decimal(4620998)

Have a look what the booklet for  
Decimal(4620998) contains.

<b>Decimal(4620998)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4620998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4682C6
RGB	70, 130, 198
RGB Percent	27%, 51%, 78%
CMY	0.7255, 0.4902, 0.2235
CMYK	0.65, 0.34, 0.00, 0.22
HSL	212°, 53%, 53%
HSV	212°, 65%, 78%
XYZ	20.7015, 21.3446, 56.4549
YIQ	119.8120, -57.5880, 8.4280

# Conversions

## Conversions Part 2

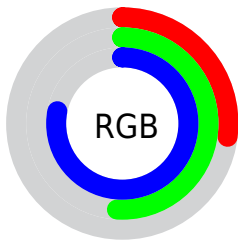
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	70, 111, 198
Decimal	4620998
CIE Lab	53.32, 2.02, -41.15
CIE LCh	53, 41.198, 272.810
Yxy	21.3446, 0.2102, 0.2167
Android (android.graphics.Color)	4282811078 (0xFF4682C6)
YUV	119.8120, 38.5467, -43.6851
Hunter-Lab	46.2002, -0.8677, -40.1100

# Details

The Decimal color **4620998** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13011526**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8566783**, and **20880** is the 20% darker color. If you saturate the color by 10%, you get **3307462**, and if you desaturate by 10%, it is **5934534**.

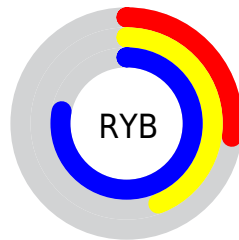
# Distribution



Red (27%)

Green (51%)

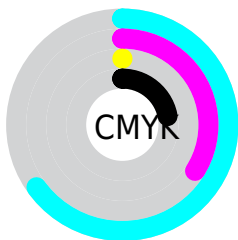
Blue (78%)



Red (27%)

Yellow (44%)

Blue (78%)

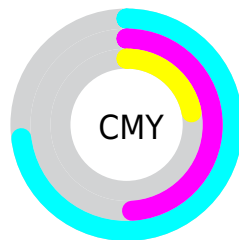


Cyan (65%)

Magenta (34%)

Yellow (0%)

Black (22%)



Cyan (73%)

Magenta (49%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4620998 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 4620998 by changing the saturation by 10% instead.



■ 4620998

■ 4620998

16777215

■ 2255274

■ 8566783

■ 20880

■ 10474239

■ 15222

■ 12381951

■ 9821

■ 14352383

■ 4165

■ 16252927

■ 814

■ 280

■ 0

■ 4620998

■ 4620998

■ 3307462

■ 5934534

■ 1994182

■ 7247814

■ 746182

■ 8495814

■ 24006

■ 9809094

■ 11122630

■ 12435910

■ 13749446

■ 14997190

■ 16310726

# Harmonies

## Analogous

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



35774



4620998



8811963

# Triad

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



4620998



12543579



4034398

# Complementary

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



4620998



13011526

# 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.



7112769



4620998



11432512

# Square

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



4620998



12607869



9535286



37250

# Rectangle

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



4620998



10710187



9535286



5213523

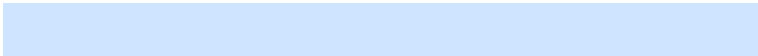


# Sweetspot

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



4620998



13624831



4638344



6451328



0



8421504



# Same Dimension

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



4620998



3708415



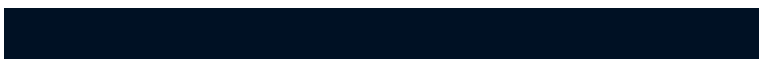
4736710



5922403



19875



4388



# Inverse Universe

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



12994178



16726165



12895814



6511198



10682445

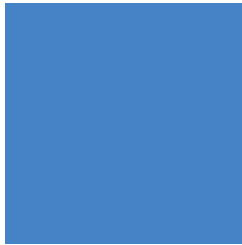


2359313



# Previews

## White Background



This preview shows how the Decimal color 4620998 looks on a white background.

## Color Contrast Check

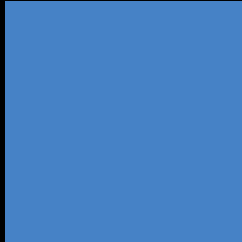
Large Text (above 18pt) WCAG AA ✓ Pass

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 4620998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

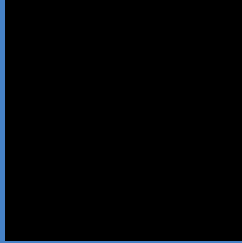
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4620998 Background



This preview shows how black text looks on a background with the Decimal color 4620998.



This preview shows how white text looks on a background with the Decimal color 4620998.

# 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](#).

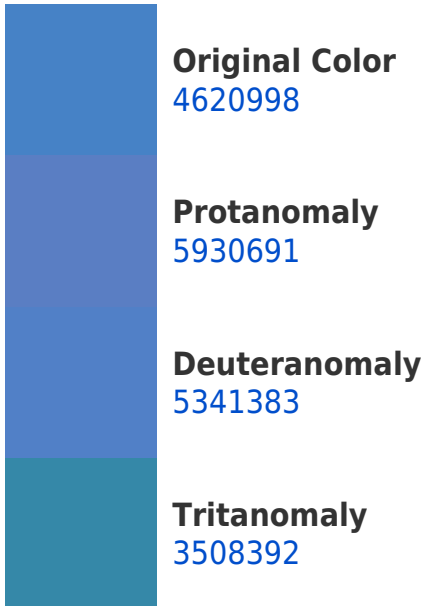
## Dichromacy





**Tritanopia**  
2919319

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4620998 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 #4682C6 looks like.

```
.text, #text, p{  
    color:#4682C6  
}
```

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 #4682C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4682C6
}
```

## Border

The CSS property to change the border of an element to Decimal 4620998 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
#4682C6 }
```

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

```
.border{ border-color:#4682C6 }
```

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

Here you see how a box with a 4 pixel #4682C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4682C6; -webkit-box-shadow:4px 4px  
4px 4px #4682C6; box-shadow:4px 4px 4px  
4px #4682C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 4620998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4682C6 }
```

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

```
.background{ background-color:#4682C6 }
```

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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