

# Converting Colors

Decimal(4618693)

Have a look what the booklet for  
Decimal(4618693) contains.

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# Color

**Decimal(4618693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4679C5
RGB	70, 121, 197
RGB Percent	27%, 47%, 77%
CMY	0.7255, 0.5255, 0.2275
CMYK	0.64, 0.39, 0.00, 0.23
HSL	216°, 52%, 52%
HSV	216°, 64%, 77%
XYZ	19.4412, 19.0081, 55.4676
YIQ	114.4150, -54.7920, 12.8240

# Conversions

## Conversions Part 2

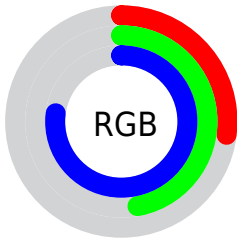
Format	Color
R <sub>Y</sub> B	70, 106, 197
Decimal	4618693
CIE Lab	50.70, 7.11, -44.74
CIE LCh	51, 45.299, 279.035
Yxy	19.0081, 0.2070, 0.2024
Android (android.graphics.Color)	4282808773 (0xFF4679C5)
YUV	114.4150, 40.7144, -38.9520
Hunter-Lab	43.5982, 3.2993, -44.9126

# Details

The Decimal color **4618693** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **12948038**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **8564222**, and **18831** is the 20% darker color. If you saturate the color by 10%, you get **3304901**, and if you desaturate by 10%, it is **5932485**.

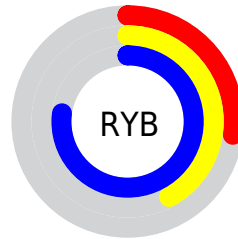
# Distribution



Red (27%)

Green (47%)

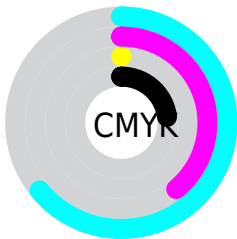
Blue (77%)



Red (27%)

Yellow (42%)

Blue (77%)

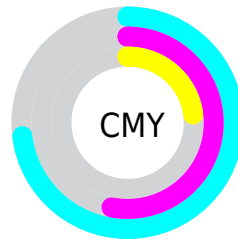


Cyan (64%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (53%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4618693 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 4618693 by changing the saturation by 10% instead.



■ 4618693

■ 4618693

16777215

■ 2252969

■ 8564222

■ 18831

■ 10471679

■ 13173

■ 12379391

■ 8028

■ 14286847

■ 1092

■ 16252927

■ 812

■ 279

■ 0

■ 4618693

■ 4618693

■ 3304901

■ 5932485

■ 2056645

■ 7180741

■ 743109

■ 8494277

■ 20421

■ 9808069

■ 11121861

■ 12370117

■ 13683909

■ 14997445

■ 16245701

# Harmonies

## Analogous

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



33984



4618693



9071285

# Triad

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



4618693



12213834



1149532

# Complementary

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



4618693



12948038

# 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.



5932090



4618693



10775855

# Square

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



4618693



12605038



8616487



35972

# Rectangle

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



4618693



10968993



8616487



3442767



# Sweetspot

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



4618693



13624063



4638096



6450816



0



8421504



# Same Dimension

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



4618693



3901951



5326533



5922147



17059



3620



# Inverse Universe

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



12928633



16726921



12240198



6511197



10682434

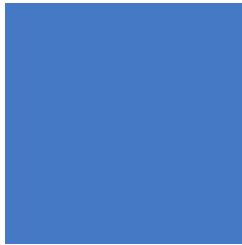


2359310



# Previews

## White Background



This preview shows how the Decimal color 4618693 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 4618693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

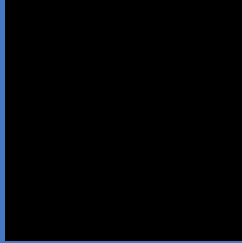
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4618693 Background



This preview shows how black text looks on a background with the Decimal color 4618693.



This preview shows how white text looks on a background with the Decimal color 4618693.

# Color Blindness Simulation

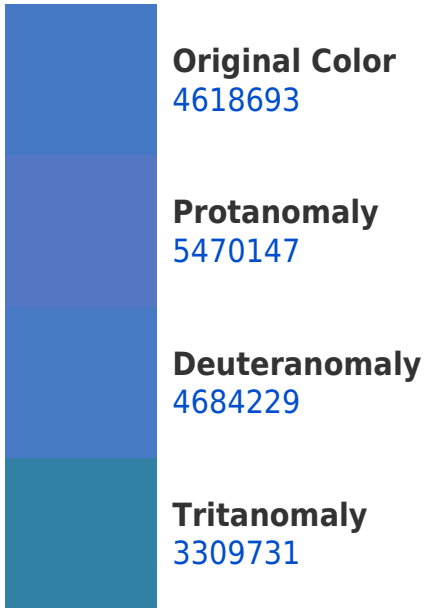
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

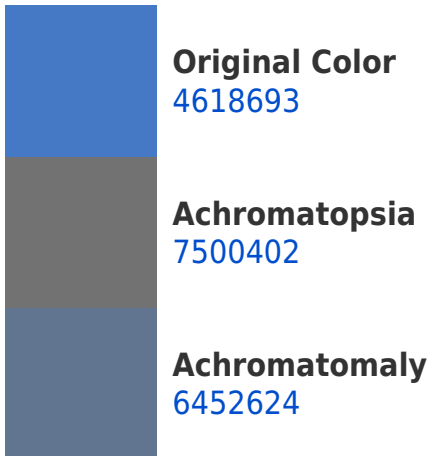




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4618693 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 #4679C5 looks like.

```
.text, #text, p{  
    color:#4679C5  
}
```

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 #4679C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4679C5
}
```

## Border

The CSS property to change the border of an element to Decimal 4618693 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
#4679C5 }
```

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

```
.border{ border-color:#4679C5 }
```

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

Here you see how a box with a 4 pixel #4679C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4679C5; -webkit-box-shadow:4px 4px  
4px 4px #4679C5; box-shadow:4px 4px 4px  
4px #4679C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 4618693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4679C5 }
```

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

```
.background{ background-color:#4679C5 }
```

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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