

# Converting Colors

Decimal(4681109)

Have a look what the booklet for  
Decimal(4681109) contains.

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# Color

**Decimal(4681109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	476D95
RGB	71, 109, 149
RGB Percent	28%, 43%, 58%
CMY	0.7216, 0.5725, 0.4157
CMYK	0.52, 0.27, 0.00, 0.42
HSL	211°, 35%, 43%
HSV	211°, 52%, 58%
XYZ	13.4920, 14.4468, 30.5112
YIQ	102.1980, -35.4880, 4.3840

# Conversions

## Conversions Part 2

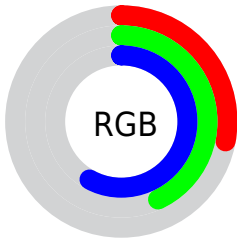
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 97, 149
Decimal	4681109
CIE <sub>Lab</sub>	44.87, -1.53, -25.93
CIE <sub>LCh</sub>	45, 25.979, 266.618
Yxy	14.4468, 0.2308, 0.2472
Android (android.graphics.Color)	4282871189 (0xFF476D95)
YUV	102.1980, 23.0734, -27.3606
Hunter-Lab	38.0089, -3.1537, -20.9880

# Details

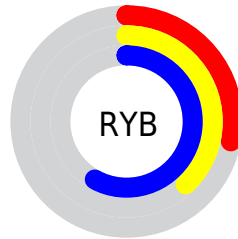
The Decimal color **4681109** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9793351**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **8167627**, and **736866** is the 20% darker color. If you saturate the color by 10%, you get **3696021**, and if you desaturate by 10%, it is **5666197**.

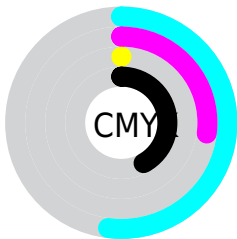
# Distribution



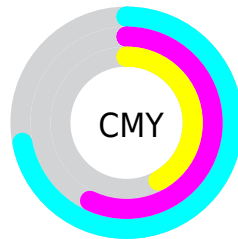
- Red (28%)
- Green (43%)
- Blue (58%)



- Red (28%)
- Yellow (38%)
- Blue (58%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (57%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4681109 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 4681109 by changing the saturation by 10% instead.



■ 4681109

■ 4681109

16777215

■ 2905467

■ 8167627

■ 736866

■ 9944039

■ 10314

■ 11786239

■ 5171

■ 13628415

■ 542

■ 15532031

■ 0

■ 4681109

■ 4681109

■ 3696021

■ 5666197

■ 2711189

■ 6651029

■ 1726101

■ 7636117

■ 741013

■ 8621205

■ 18837

■ 9606037

■ 10525589

■ 11510421

■ 12495509

■ 13480597

# Harmonies

## Analogous

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



2257806



4681109



6907281

# Triad

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



4681109



9722712



4944722

# Complementary

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



4681109



9793351

# 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.



6647619



4681109



9199943

# Square

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



4681109



9591405



8087615



3110503

# Rectangle

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



4681109



8151176



8087615



5534284



# Sweetspot

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



4681109



10728130



4691310



5134177



14737632



6381921



# Same Dimension

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



4681109



4752322



4671381



4408906



17290



1290



# Inverse Universe

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



9783149



12732547



9803079



4866886



9044035



655365



# Previews

## White Background



This preview shows how the Decimal color 4681109 looks on a white background.

## Color Contrast Check

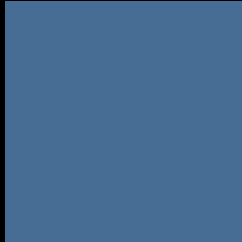
Large Text (above 18pt) WCAG AA ✓ Pass

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 4681109 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

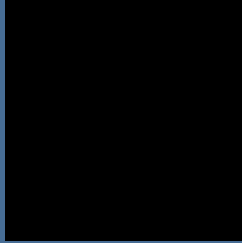
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4681109 Background



This preview shows how black text looks on a background with the Decimal color 4681109.

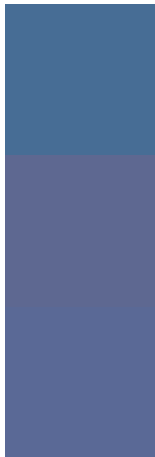


This preview shows how white text looks on a background with the Decimal color 4681109.

# 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



**Original Color**  
4681109

**Protanopia**  
6187153

**Deuteranopia**  
5925270



**Tritanopia**  
4092539

# Trichromacy



**Original Color**  
4681109

**Protanomaly**  
5663378

**Deuteranomaly**  
5466774

**Tritanomaly**  
4288644

# Monochromacy



**Original Color**  
4681109

**Achromatopsia**  
6710886

**Achromatomaly**  
5990775

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4681109 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 #476D95 looks like.

```
.text, #text, p{  
    color:#476D95  
}
```

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 #476D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476D95
}
```

## Border

The CSS property to change the border of an element to Decimal 4681109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

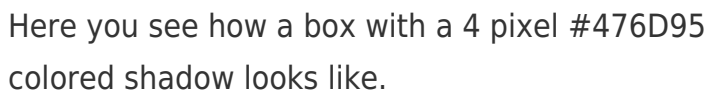
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#476D95 }
```

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

```
.border{ border-color:#476D95 }
```

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



Here you see how a box with a 4 pixel #476D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476D95; -webkit-box-shadow:4px 4px  
4px 4px #476D95; box-shadow:4px 4px 4px  
4px #476D95 }
```

# Background

The CSS property to change the background color of an element to Decimal 4681109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476D95 }
```

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

```
.background{ background-color:#476D95 }
```

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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