

# Converting Colors

Decimal(4680090)

Have a look what the booklet for  
Decimal(4680090) contains.

<b>Decimal(4680090)</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(4680090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47699A
RGB	71, 105, 154
RGB Percent	28%, 41%, 60%
CMY	0.7216, 0.5882, 0.3961
CMYK	0.54, 0.32, 0.00, 0.40
HSL	215°, 37%, 44%
HSV	215°, 54%, 60%
XYZ	13.4828, 13.7758, 32.5202
YIQ	100.4200, -35.9930, 8.0310

# Conversions

## Conversions Part 2

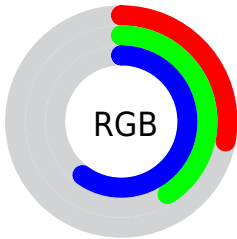
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 95, 154
Decimal	4680090
CIELab	43.91, 2.53, -30.40
CIElCh	44, 30.501, 274.766
Yxy	13.7758, 0.2255, 0.2304
Android (android.graphics.Color)	4282870170 (0xFF47699A)
YUV	100.4200, 26.4149, -25.8013
Hunter-Lab	37.1158, -0.1100, -25.9678

# Details

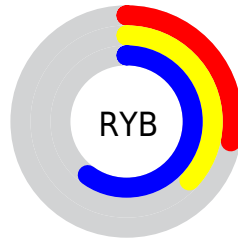
The Decimal color **4680090** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10123335**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8232145**, and **473703** is the 20% darker color. If you saturate the color by 10%, you get **3694746**, and if you desaturate by 10%, it is **5665434**.

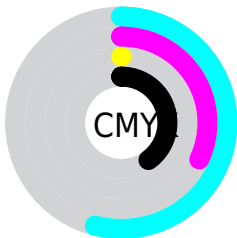
# Distribution



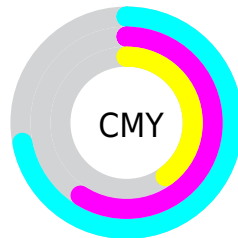
- Red (28%)
- Green (41%)
- Blue (60%)



- Red (28%)
- Yellow (37%)
- Blue (60%)



- Cyan (54%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (59%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4680090 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 4680090 by changing the saturation by 10% instead.



■ 4680090

■ 4680090

16777215

■ 2838912

■ 8232145

■ 473703

■ 10008557

■ 9550

■ 11850495

■ 4151

■ 13692927

■ 545

■ 15597567

■ 6

■ 0

■ 4680090

■ 4680090

■ 3694746

■ 5665434

■ 2643866

■ 6716314

■ 1658522

■ 7701658

■ 607642

■ 8752538

■ 16282

■ 9737882

■ 10723482

■ 11774362

■ 12759706

■ 13810586

# Harmonies

## Analogous

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



28821



4680090



7364753

# Triad

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



4680090



9852748



3765073

# Complementary

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



4680090



10123335

# 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.



5861181



4680090



9002810

# Square

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



4680090



9917285



7628852



30059

# Rectangle

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



4680090



8608389



7628852



4485706



# Sweetspot

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



4680090



11122377



4692599



5462886



15132390



6710886



# Same Dimension

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



4680090



4685001



5130138



4540493



14732



1293



# Inverse Universe

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



10110825



13191036



9673287



5064008



9175097



851973



# Previews

## White Background



This preview shows how the Decimal color 4680090 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 4680090 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

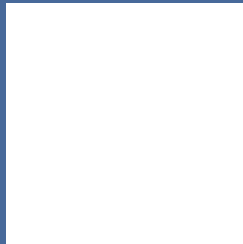
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4680090 Background



This preview shows how black text looks on a background with the Decimal color 4680090.

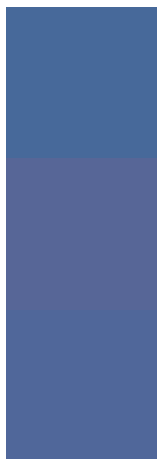


This preview shows how white text looks on a background with the Decimal color 4680090.

# 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**


4680090

**Protanopia**

5727895

**Deuteranopia**

5269402



**Tritanopia**  
3895417

# Trichromacy



**Original Color**  
4680090

**Protanomaly**  
5334936

**Deuteranomaly**  
5073050

**Tritanomaly**  
4156805

# Monochromacy



**Original Color**  
4680090

**Achromatopsia**  
6579300

**Achromatomaly**  
5858936

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4680090 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 #47699A looks like.

```
.text, #text, p{  
    color:#47699A  
}
```

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 #47699A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47699A
}
```

## Border

The CSS property to change the border of an element to Decimal 4680090 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
#47699A }
```

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

```
.border{ border-color:#47699A }
```

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

Here you see how a box with a 4 pixel #47699A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47699A; -webkit-box-shadow:4px 4px  
4px 4px #47699A; box-shadow:4px 4px 4px  
4px #47699A }
```

# Background

The CSS property to change the background color of an element to Decimal 4680090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47699A }
```

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

```
.background{ background-color:#47699A }
```

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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