

# Converting Colors

Decimal(4813466)

Have a look what the booklet for  
Decimal(4813466) contains.

<b>Decimal(4813466)</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(4813466)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49729A
RGB	73, 114, 154
RGB Percent	29%, 45%, 60%
CMY	0.7137, 0.5529, 0.3961
CMYK	0.53, 0.26, 0.00, 0.40
HSL	210°, 36%, 45%
HSV	210°, 53%, 60%
XYZ	14.5977, 15.7842, 32.8491
YIQ	106.3010, -37.2760, 3.7480

# Conversions

## Conversions Part 2

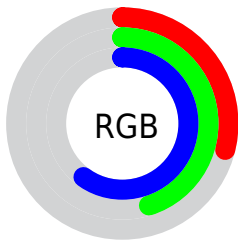
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 100, 154</a>
Decimal	<a href="#">4813466</a>
CIELab	<a href="#">46.69, -2.45, -26.05</a>
CIELCh	<a href="#">47, 26.167, 264.623</a>
Yxy	<a href="#">15.7842, 0.2309, 0.2496</a>
Android (android.graphics.Color)	<a href="#">4283003546 (0xFF49729A)</a>
YUV	<a href="#">106.3010, 23.5156, -29.2050</a>
Hunter-Lab	<a href="#">39.7293, -3.9402, -21.2118</a>

# Details

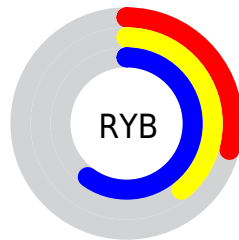
The Decimal color **4813466** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10121545**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8365777**, and **803431** is the 20% darker color. If you saturate the color by 10%, you get **3828378**, and if you desaturate by 10%, it is **5798554**.

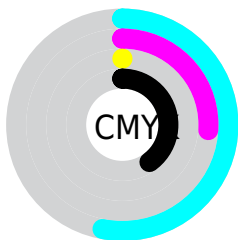
# Distribution



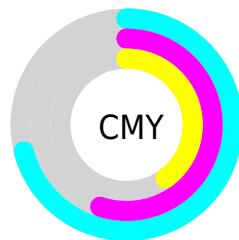
- Red (29%)
- Green (45%)
- Blue (60%)



- Red (29%)
- Yellow (39%)
- Blue (60%)



- Cyan (53%)
- Magenta (26%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4813466 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 4813466 by changing the saturation by 10% instead.





4813466



4813466

16777215



3037824



8365777



803431



10142189



11342



11984383



6199



13826559



546



15728639



8



0



4813466



4813466



3828378



5798554

■ 2778010

■ 6848922

■ 1792922

■ 7834010

■ 742554

■ 8884378

■ 20122

■ 9869466

■ 10854554

■ 11904922

■ 12890010

■ 13940378

# Harmonies

## Analogous

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



2520978



4813466



7105174

# Triad

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



4813466



10116957



5339221

# Complementary

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



4813466



10121545

# 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.



7041862



4813466



9593932

# Square

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



4813466



9854580



8481859



3504746

# Rectangle

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



4813466



8349070



8481859



5928527



# Sweetspot

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



4813466



11123401



4823664



5463142



15132390



6710886



# Same Dimension

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



4813466



4950985



4803226



4540749



18316



1549



# Inverse Universe

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



10111346



13192075



10131785



5064009



9175111



851974



# Previews

## White Background



This preview shows how the Decimal color 4813466 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 4813466 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

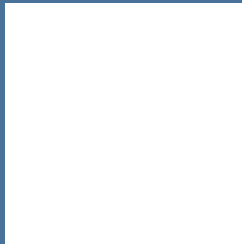
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4813466 Background



This preview shows how black text looks on a background with the Decimal color 4813466.

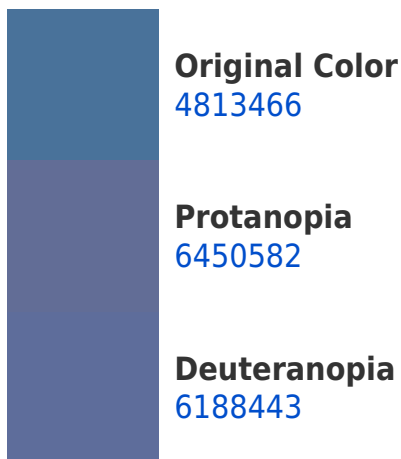



This preview shows how white text looks on a background with the Decimal color 4813466.

# 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](#).

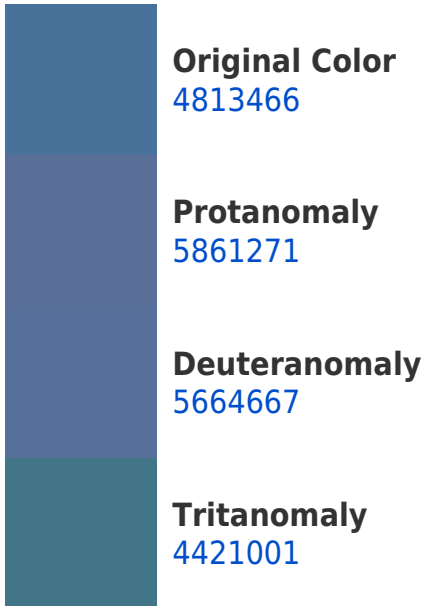
## Dichromacy



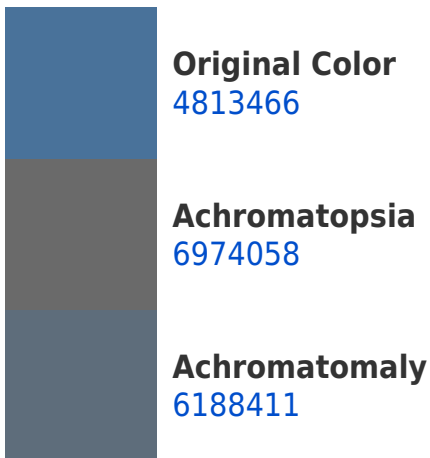


**Tritanopia**  
4224896

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4813466 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 #49729A looks like.

```
.text, #text, p{  
  color:#49729A  
}
```

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 #49729A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49729A
}
```

## Border

The CSS property to change the border of an element to Decimal 4813466 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
#49729A }
```

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

```
.border{ border-color:#49729A }
```

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

Here you see how a box with a 4 pixel #49729A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49729A; -webkit-box-shadow:4px 4px  
4px 4px #49729A; box-shadow:4px 4px 4px  
4px #49729A }
```

# Background

The CSS property to change the background color of an element to Decimal 4813466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49729A }
```

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

```
.background{ background-color:#49729A }
```

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