

# Converting Colors

Decimal(4817346)

Have a look what the booklet for  
Decimal(4817346) contains.

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# Color

**Decimal(4817346)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4981C2
RGB	73, 129, 194
RGB Percent	29%, 51%, 76%
CMY	0.7137, 0.4941, 0.2392
CMYK	0.62, 0.34, 0.00, 0.24
HSL	212°, 50%, 52%
HSV	212°, 62%, 76%
XYZ	20.3355, 21.0120, 54.0229
YIQ	119.6660, -54.2410, 8.3430

# Conversions

## Conversions Part 2

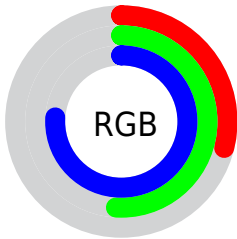
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 111, 194
Decimal	4817346
CIE Lab	52.96, 1.80, -39.43
CIE LCh	53, 39.472, 272.608
Yxy	21.0120, 0.2132, 0.2203
Android (android.graphics.Color)	4283007426 (0xFF4981C2)
YUV	119.6660, 36.6467, -40.9261
Hunter-Lab	45.8389, -1.0300, -37.7883

# Details

The Decimal color **4817346** 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 **12749385**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8697595**, and **20620** is the 20% darker color. If you saturate the color by 10%, you get **3569602**, and if you desaturate by 10%, it is **6065090**.

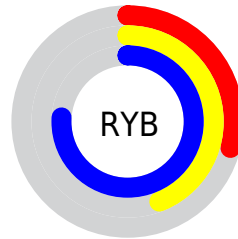
# Distribution



Red (29%)

Green (51%)

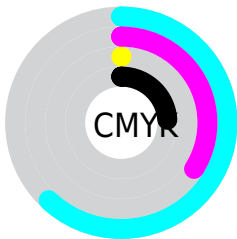
Blue (76%)



Red (29%)

Yellow (44%)

Blue (76%)

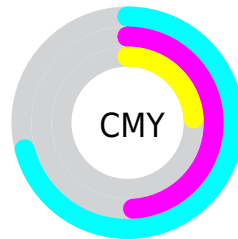


Cyan (62%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (71%)

Magenta (49%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4817346 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 4817346 by changing the saturation by 10% instead.



■ 4817346

■ 4817346

16777215

■ 2582695

■ 8697595

■ 20620

■ 10539519

■ 14962

■ 12447231

■ 9561

■ 14417919

■ 3905

■ 16383999

■ 811

■ 277

■ 0

■ 4817346

■ 4817346

■ 3569602

■ 6065090

■ 2256066

■ 7378626

■ 1008322

■ 8626370

■ 23234

■ 9939906

■ 11187650

■ 12435650

■ 13748930

■ 14996674

■ 16310210

# Harmonies

## Analogous

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



35514



4817346



8746168

# Triad

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



4817346



12346972



4230494

# Complementary

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



4817346



12749385

# 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.



7178051



4817346



11301186

# Square

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



4817346



12411517



9469497



36992

# Rectangle

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



4817346



10513576



9469497



5344340



# Sweetspot

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



4817346



13427708



4833930



6451328



0



8421504



# Same Dimension

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



4817346



4167676



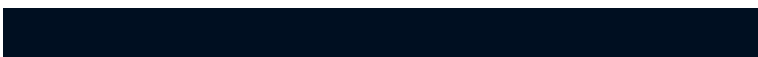
5065154



5725281



19105



3873



# Inverse Universe

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



12732801



16531351



12501577



6379356



10551370

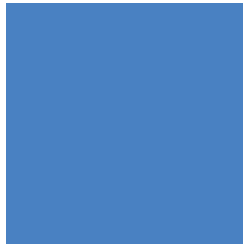


2162703



# Previews

## White Background



This preview shows how the Decimal color 4817346 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 4817346 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

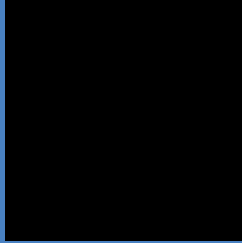
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4817346 Background



This preview shows how black text looks on a background with the Decimal color 4817346.



This preview shows how white text looks on a background with the Decimal color 4817346.

# 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](#).

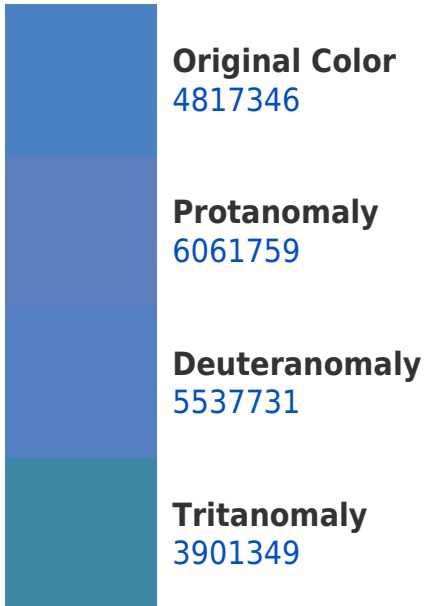
## Dichromacy



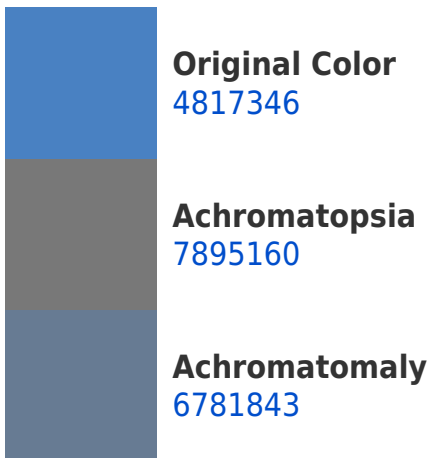


**Tritanopia**  
3377813

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4817346 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 #4981C2 looks like.

```
.text, #text, p{  
  color:#4981C2  
}
```

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 #4981C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4981C2
}
```

## Border

The CSS property to change the border of an element to Decimal 4817346 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
#4981C2 }
```

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

```
.border{ border-color:#4981C2 }
```

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

Here you see how a box with a 4 pixel #4981C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4981C2; -webkit-box-shadow:4px 4px  
4px 4px #4981C2; box-shadow:4px 4px 4px  
4px #4981C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 4817346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4981C2 }
```

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

```
.background{ background-color:#4981C2 }
```

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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