

# Converting Colors

Decimal(4094364)

Have a look what the booklet for  
Decimal(4094364) contains.

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# Color

**Decimal(4094364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E799C
RGB	62, 121, 156
RGB Percent	24%, 47%, 61%
CMY	0.7569, 0.5255, 0.3882
CMYK	0.60, 0.22, 0.00, 0.39
HSL	202°, 43%, 43%
HSV	202°, 60%, 61%
XYZ	14.8247, 17.0992, 33.9716
YIQ	107.3490, -46.3990, -1.6230

# Conversions

## Conversions Part 2

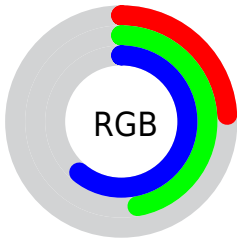
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 98, 156
Decimal	4094364
CIELab	48.38, -8.38, -24.64
CIELCh	48, 26.025, 251.226
Yxy	17.0992, 0.2250, 0.2595
Android (android.graphics.Color)	4282284444 (0xFF3E799C)
YUV	107.3490, 23.9849, -39.7711
Hunter-Lab	41.3512, -8.3708, -19.7633

# Details

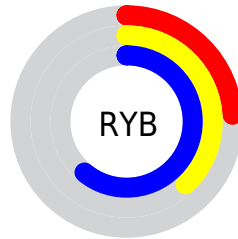
The Decimal color **4094364** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10248510**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **777747**, and **18793** is the 20% darker color. If you saturate the color by 10%, you get **3044252**, and if you desaturate by 10%, it is **5144476**.

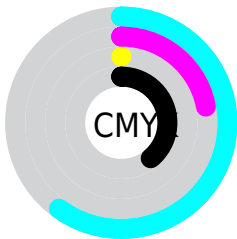
# Distribution



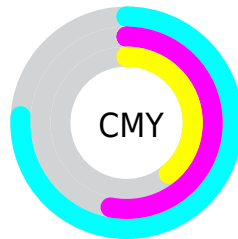
- Red (24%)
- Green (47%)
- Blue (61%)



- Red (24%)
- Yellow (38%)
- Blue (61%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (53%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4094364 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 4094364 by changing the saturation by 10% instead.



■ 4094364

■ 4094364

16777215

■ 2056322

■ 7777747

■ 18793

■ 9554415

■ 12880

■ 11396607

■ 7481

■ 13303807

■ 548

■ 15204351

■ 11

■ 0

■ 4094364

■ 4094364

■ 3044252

■ 5144476

■ 2059676

■ 6129052

■ 1009820

■ 7178908

■ 25244

■ 8163484

■ 9213596

■ 10263708

■ 11248284

■ 12298140

■ 13282716

# Harmonies

## Analogous

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



2325903



4094364



6386334

# Triad

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



4094364



10379883



6388305

# Complementary

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



4094364



10248510

# 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.



8025159



4094364



10184279

# Square

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



4094364



9790594



9334090



4685412

# Rectangle

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



4094364



7826840



9334090



6977613



# Sweetspot

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



4094364



10993356



4103264



5267046



15132390



6710886



# Same Dimension

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



4094364



3773900



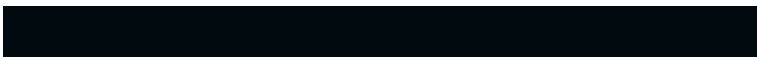
4082588



4672591



23183



2575



# Inverse Universe

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



10239609



13384085



10260286



5195596



9371738



983050



# Previews

## White Background



This preview shows how the Decimal color 4094364 looks on a white background.

## Color Contrast Check

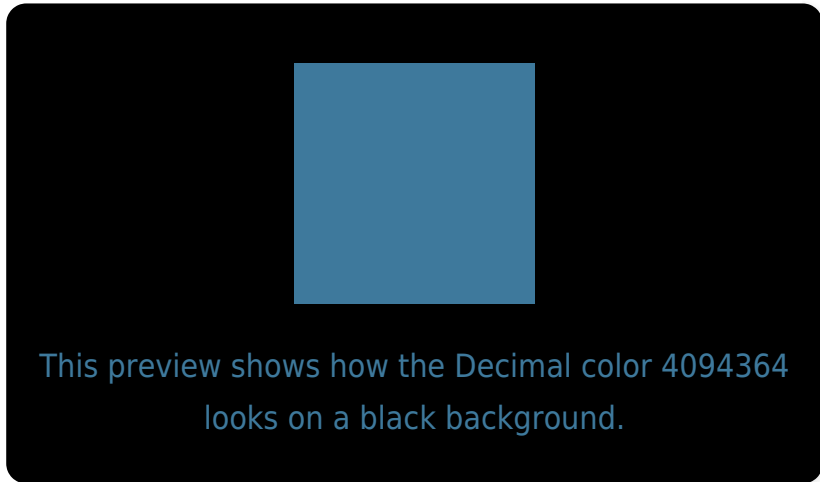
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

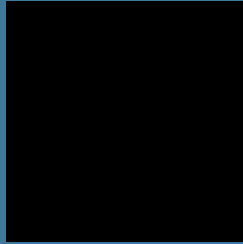
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4094364 Background



This preview shows how black text looks on a background with the Decimal color 4094364.

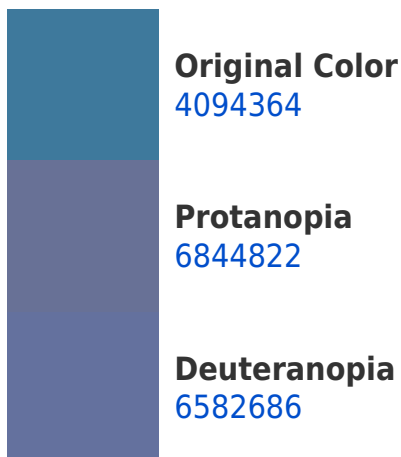


This preview shows how white text looks on a background with the Decimal color 4094364.

# Color Blindness Simulation

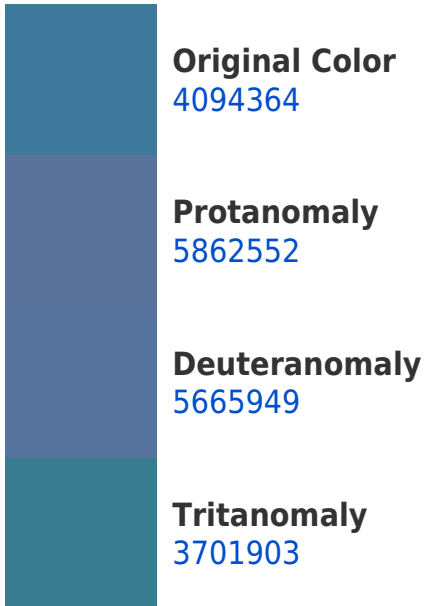
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4094364 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 #3E799C looks like.

```
.text, #text, p{  
    color:#3E799C  
}
```

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 #3E799C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E799C
}
```

## Border

The CSS property to change the border of an element to Decimal 4094364 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
#3E799C }
```

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

```
.border{ border-color:#3E799C }
```

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

Here you see how a box with a 4 pixel #3E799C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E799C; -webkit-box-shadow:4px 4px  
4px 4px #3E799C; box-shadow:4px 4px 4px  
4px #3E799C }
```

# Background

The CSS property to change the background color of an element to Decimal 4094364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E799C }
```

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

```
.background{ background-color:#3E799C }
```

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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