

# Converting Colors

Decimal(4370118)

Have a look what the booklet for  
Decimal(4370118) contains.

<b>Decimal(4370118)</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(4370118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42AEC6
RGB	66, 174, 198
RGB Percent	26%, 68%, 78%
CMY	0.7412, 0.3176, 0.2235
CMYK	0.67, 0.12, 0.00, 0.22
HSL	191°, 54%, 52%
HSV	191°, 67%, 78%
XYZ	27.5759, 35.5076, 58.8263
YIQ	144.4440, -72.0720, -15.4320

# Conversions

## Conversions Part 2

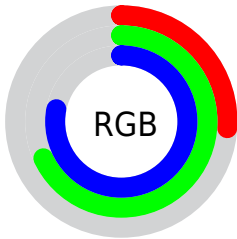
Format	Color
R <sub>Y</sub> B	66, 125, 198
Decimal	4370118
CIE Lab	66.14, -23.06, -21.27
CIE LCh	66, 31.367, 222.690
Yxy	35.5076, 0.2262, 0.2913
Android (android.graphics.Color)	4282560198 (0xFF42AEC6)
YUV	144.4440, 26.4031, -68.7954
Hunter-Lab	59.5882, -21.6743, -16.8201

# Details

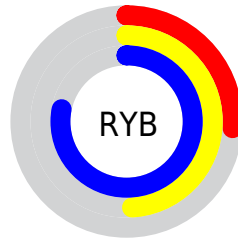
The Decimal color **4370118** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **12999234**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **8513279**, and **31120** is the 20% darker color. If you saturate the color by 10%, you get **3058374**, and if you desaturate by 10%, it is **5681862**.

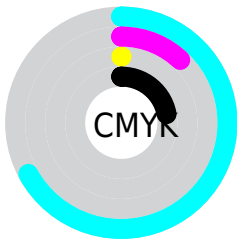
# Distribution



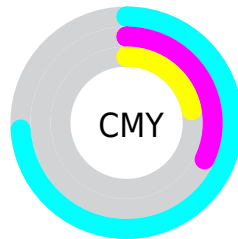
- Red (26%)
- Green (68%)
- Blue (78%)



- Red (26%)
- Yellow (49%)
- Blue (78%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (32%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4370118 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 4370118 by changing the saturation by 10% instead.



■ 4370118

■ 4370118

16777215

■ 1545131

■ 8513279

■ 31120

■ 10420223

■ 24694

■ 12386303

■ 18526

■ 14352383

■ 12614

■ 16318463

■ 7727

■ 283

■ 0

■ 4370118

■ 4370118

■ 3058374

■ 5681862

■ 1746886

■ 6993350

■ 500678

■ 8239558

■ 41670

■ 9551046

■ 10862790

■ 12174534

■ 13486022

■ 14732230

■ 16043718

# Harmonies

## Analogous

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



4829356



4370118



6465750

# Triad

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



4370118



13536690



11051881

# Complementary

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



4370118



12999234

# 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.



12753259



4370118



14257302

# Square

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



4370118



11834826



13930620



9022071

# Rectangle

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



4370118



8365017



13930620



11706472

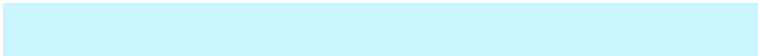


# Sweetspot

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



4370118



13432575



4376152



6388352



0



8421504



# Same Dimension

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



4370118



3398399



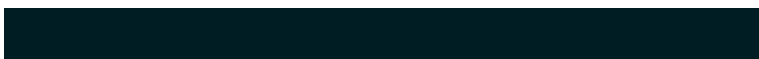
4353734



5923427



34467



7460



# Inverse Universe

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



12993198



16724954



13015618



6511202



10682502



2359325



# Previews

## White Background



This preview shows how the Decimal color 4370118 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4370118 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 ✓ Pass

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



## Decimal 4370118 Background



This preview shows how black text looks on a background with the Decimal color 4370118.

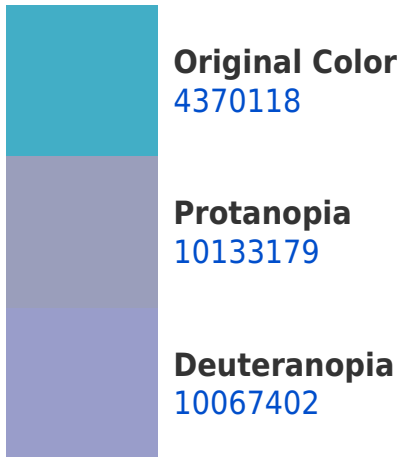



This preview shows how white text looks on a background with the Decimal color 4370118.

# 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**  
4042686

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4370118 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 #42AEC6 looks like.

```
.text, #text, p{  
    color:#42AEC6  
}
```

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 #42AEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42AEC6
}
```

## Border

The CSS property to change the border of an element to Decimal 4370118 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
#42AEC6 }
```

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

```
.border{ border-color:#42AEC6 }
```

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

Here you see how a box with a 4 pixel #42AEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42AEC6; -webkit-box-shadow:4px 4px  
4px 4px #42AEC6; box-shadow:4px 4px 4px  
4px #42AEC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 4370118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42AEC6 }
```

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

```
.background{ background-color:#42AEC6 }
```

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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