

# Converting Colors

Decimal(4370351)

Have a look what the booklet for  
Decimal(4370351) contains.

<b>Decimal(4370351)</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(4370351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42AFAF
RGB	66, 175, 175
RGB Percent	26%, 69%, 69%
CMY	0.7412, 0.3137, 0.3137
CMYK	0.62, 0.00, 0.00, 0.31
HSL	180°, 45%, 47%
HSV	180°, 62%, 69%
XYZ	25.3146, 34.9133, 45.9622
YIQ	142.4090, -64.9640, -23.1080

# Conversions

## Conversions Part 2

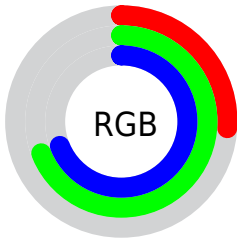
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 121, 175</a>
Decimal	<a href="#">4370351</a>
CIELab	<a href="#">65.68, -30.38, -9.20</a>
CIELCh	<a href="#">66, 31.739, 196.850</a>
Yxy	<a href="#">34.9133, 0.2384, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4282560431 (0xFF42AFAF)</a>
YUV	<a href="#">142.4090, 16.0674, -67.0107</a>
Hunter-Lab	<a href="#">59.0875, -26.9292, -4.7584</a>

# Details

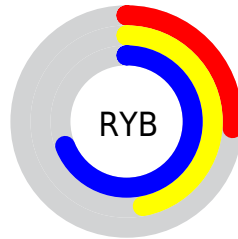
The Decimal color **4370351** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11485762**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **8382438**, and **31355** is the 20% darker color. If you saturate the color by 10%, you get **3256239**, and if you desaturate by 10%, it is **5549999**.

# Distribution



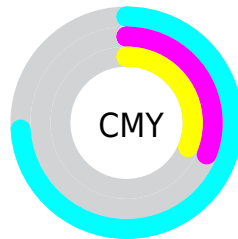
- Red (26%)
- Green (69%)
- Blue (69%)



- Red (26%)
- Yellow (47%)
- Blue (69%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (74%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4370351 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 4370351 by changing the saturation by 10% instead.



 4370351

 4370351

16777215

 1807508

 8382438

 31355

 10289151

 24930

 12189695

 18506

 14155775

 12596

 16121855

 7454

 4

 0

 4370351

 4370351

■ 3256239

■ 5549999

■ 2076591

■ 6664111

■ 962479

■ 7843759

■ 44975

■ 8957871

■ 10137519

■ 11251631

■ 12431279

■ 13545391

■ 14725039

# Harmonies

## Analogous

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



6336146



4370351



4304072

# Triad

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



4370351



12030919



12491112

# Complementary

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



4370351



11485762

# 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.



13734007



4370351



13601709

# Square

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



4370351



9543126



14191248



10724200

# Rectangle

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



4370351



5744851



14191248



13014636



# Sweetspot

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



4370351



12116963



4370242



5796723



15921906



7566195



# Same Dimension

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



4370351



3793891



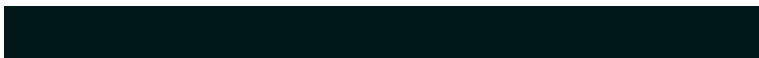
4356527



5134167



38550



5911



# Inverse Universe

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



11485871



14891491



11499842



5721687



9830550



1507351



# Previews

## White Background



This preview shows how the Decimal color 4370351 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 4370351 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 4370351 Background



This preview shows how black text looks on a background with the Decimal color 4370351.

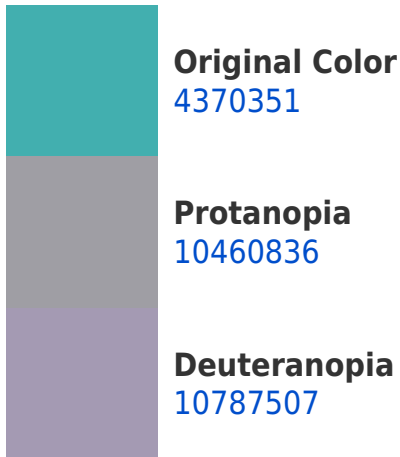



This preview shows how white text looks on a background with the Decimal color 4370351.

# 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**  
4763067

# Trichromacy



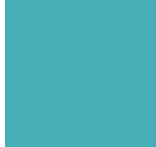
**Original Color**  
4370351



**Protanomaly**  
8234152



**Deuteranomaly**  
8430258



**Tritanomaly**  
4632247

# Monochromacy



**Original Color**  
4370351



**Achromatopsia**  
9342606



**Achromatomaly**  
7510682

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4370351 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 #42AF42 looks like.

```
.text, #text, p{  
  color:#42AF42  
}
```

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 #42AFAF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 4370351 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
#42AFAF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 4370351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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