

# Converting Colors

Decimal(3709337)

Have a look what the booklet for  
Decimal(3709337) contains.

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**Color**

**Decimal(3709337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	389999
RGB	56, 153, 153
RGB Percent	22%, 60%, 60%
CMY	0.7804, 0.4000, 0.4000
CMYK	0.63, 0.00, 0.00, 0.40
HSL	180°, 46%, 41%
HSV	180°, 63%, 60%
XYZ	18.7719, 25.9231, 34.1513
YIQ	123.9970, -57.8120, -20.5640

# Conversions

## Conversions Part 2

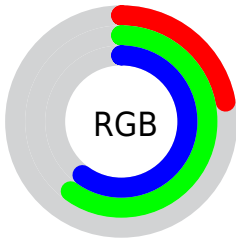
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 105, 153
Decimal	3709337
CIELab	57.96, -27.63, -8.36
CIELCh	58, 28.869, 196.839
Yxy	25.9231, 0.2381, 0.3288
Android (android.graphics.Color)	4281899417 (0xFF389999)
YUV	123.9970, 14.2985, -59.6334
Hunter-Lab	50.9148, -23.2892, -4.1287

# Details


The Decimal color **3709337** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10041400**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **7590095**, and **25958** is the 20% darker color. If you saturate the color by 10%, you get **2726297**, and if you desaturate by 10%, it is **4692377**.

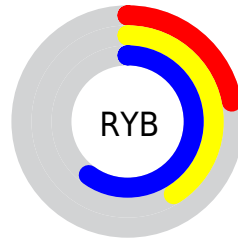
# Distribution



 Red (22%)

 Green (60%)

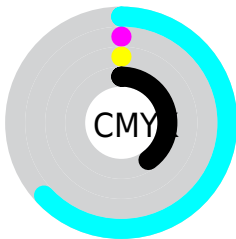
 Blue (60%)




 Red (22%)

 Yellow (41%)

 Blue (60%)

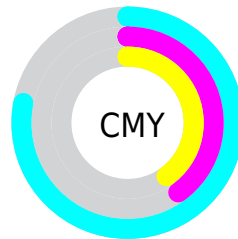


 Cyan (63%)


 Magenta (0%)

 Yellow (0%)

 Black (40%)



 Cyan (78%)

 Magenta (40%)

 Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3709337 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 3709337 by changing the saturation by 10% instead.



 3709337

 3709337

16777215

 1081215

 7590095

 25958

 9497835

 19790

 11337727

 13879

 13238271

 8738

 15204351

 12

 0

 3709337

 3709337

 2726297

 4692377

■ 1677721

■ 5740953

■ 694681

■ 6723993

■ 39321

■ 7707033

■ 8755609

■ 9738649

■ 10721689

■ 11704729

■ 12753305

# Harmonies

## Analogous

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



5478527



3709337



3643311

# Triad

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



3709337



10518702



10913370

# Complementary

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



3709337



10041400

# 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.



12025448



3709337



11958679

# Square

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



3709337



8358331



12417150



9342554

# Rectangle

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



3709337



4953017



12417150



11371357



# Sweetspot

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



3709337



10602439



3709240



5071715



14935011



6513507



# Same Dimension

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



3709337



3196871



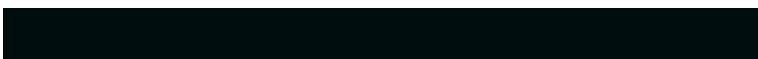
3697049



4541773



35980



3341



# Inverse Universe

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



10041497



13054151



10053944



5064013



9175180

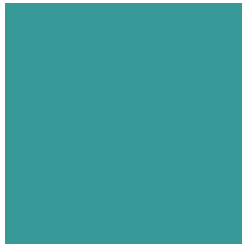


851981



# Previews

## White Background



This preview shows how the Decimal color 3709337 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 3709337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

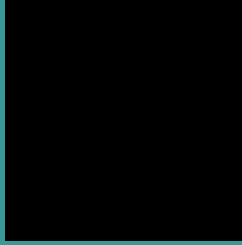
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 3709337 Background



This preview shows how black text looks on a background with the Decimal color 3709337.

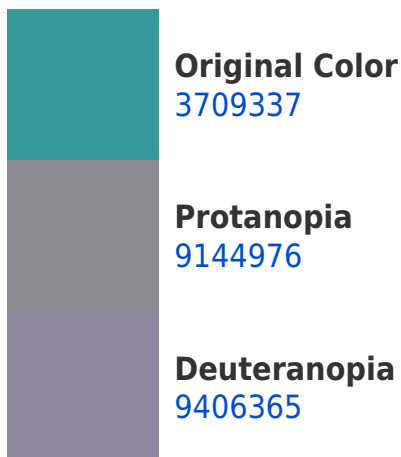



This preview shows how white text looks on a background with the Decimal color 3709337.

# 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**  
4036516

# Trichromacy



**Original Color**  
3709337



**Protanomaly**  
7180179



**Deuteranomaly**  
7311004



**Tritanomaly**  
3905696

# Monochromacy



**Original Color**  
3709337



**Achromatopsia**  
8158332



**Achromatomaly**  
6522759

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3709337 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 #389999 looks like.

```
.text, #text, p{  
    color:#389999  
}
```

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 #389999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #389999
}
```

## Border

The CSS property to change the border of an element to Decimal 3709337 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
#389999 }
```

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

```
.border{ border-color:#389999 }
```

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

Here you see how a box with a 4 pixel #389999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #389999; -webkit-box-shadow:4px 4px  
4px 4px #389999; box-shadow:4px 4px 4px  
4px #389999 }
```

# Background

The CSS property to change the background color of an element to Decimal 3709337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#389999 }
```

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

```
.background{ background-color:#389999 }
```

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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