

# Converting Colors

Decimal(3714717)

Have a look what the booklet for  
Decimal(3714717) contains.

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# Color

**Decimal(3714717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38AE9D
RGB	56, 174, 157
RGB Percent	22%, 68%, 62%
CMY	0.7804, 0.3176, 0.3843
CMYK	0.68, 0.00, 0.10, 0.32
HSL	171°, 51%, 45%
HSV	171°, 68%, 68%
XYZ	22.8527, 33.5472, 37.1691
YIQ	136.7800, -64.8710, -30.3030

# Conversions

## Conversions Part 2

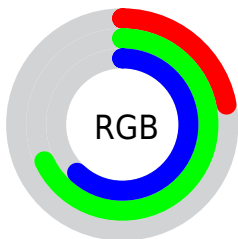
Format	Color
R <sub>Y</sub> B	56, 120, 174
Decimal	3714717
CIE Lab	64.60, -36.51, -0.81
CIE LCh	65, 36.518, 181.270
Yxy	33.5472, 0.2442, 0.3585
Android (android.graphics.Color)	4281904797 (0xFF38AE9D)
YUV	136.7800, 9.9685, -70.8441
Hunter-Lab	57.9199, -30.9314, 2.4957

# Details

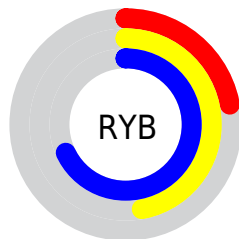
The Decimal color **3714717** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11417673**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7792339**, and **31082** is the 20% darker color. If you saturate the color by 10%, you get **2600602**, and if you desaturate by 10%, it is **4828832**.

# Distribution



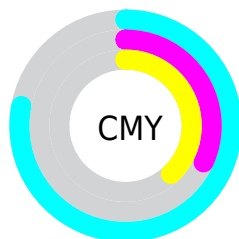
- Red (22%)
- Green (68%)
- Blue (62%)



- Red (22%)
- Yellow (47%)
- Blue (68%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (78%)
- Magenta (32%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3714717 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 3714717 by changing the saturation by 10% instead.



 3714717

 3714717

16777215

 430979

 7792339

 31082

 9699312

 24402

 11665407

 18235

 13565951

 12325

 15532031

 6417

 0

 3714717

 3714717

 2600602

 4828832

■ 1420952

■ 6008482

■ 306837

■ 7122597

■ 44693

■ 8302247

■ 9416362

■ 10530476

■ 11710127

■ 12824241

■ 14003892

# Harmonies

## Analogous

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



6794108



3714717



44477

# Triad

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



3714717



10654932



13340772

# Complementary

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



3714717



11417673

# 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.



14321276



3714717



13076925

# Square

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



3714717



7315422



14320541



11639643

# Rectangle

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



3714717



1485519



14320541



13798507



# Sweetspot

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



3714717



11985884



4894264



5731183



15921906



7566195



# Same Dimension

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



3714717



2876360



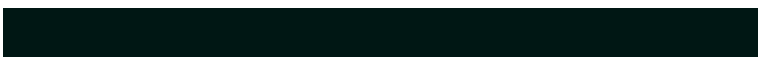
3704238



5134165



38529



5908



# Inverse Universe

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



11417673



14887750



11428152



5721679



9830422

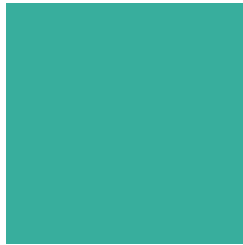


1507331



# Previews

## White Background



This preview shows how the Decimal color 3714717 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 3714717 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

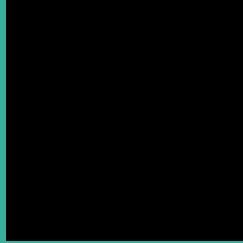
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 3714717 Background



This preview shows how black text looks on a background with the Decimal color 3714717.



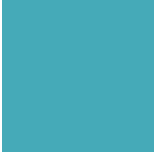
This preview shows how white text looks on a background with the Decimal color 3714717.

# 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**  
4565688

# Trichromacy



**Original Color**

3714717



**Protanomaly**

8037014



**Deuteranomaly**

8363936



**Tritanomaly**

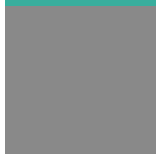
4238254

# Monochromacy



**Original Color**

3714717



**Achromatopsia**

9013641



**Achromatomaly**

7116432

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3714717 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 #38AE9D looks like.

```
.text, #text, p{  
    color:#38AE9D  
}
```

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 #38AE9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38AE9D
}
```

## Border

The CSS property to change the border of an element to Decimal 3714717 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
#38AE9D }
```

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

```
.border{ border-color:#38AE9D }
```

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

Here you see how a box with a 4 pixel #38AE9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38AE9D; -webkit-box-shadow:4px 4px  
4px 4px #38AE9D; box-shadow:4px 4px 4px  
4px #38AE9D }
```

# Background

The CSS property to change the background color of an element to Decimal 3714717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38AE9D }
```

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

```
.background{ background-color:#38AE9D }
```

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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