

# Converting Colors

Decimal(3712441)

Have a look what the booklet for  
Decimal(3712441) contains.

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# Color

**Decimal(3712441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38A5B9
RGB	56, 165, 185
RGB Percent	22%, 65%, 73%
CMY	0.7804, 0.3529, 0.2745
CMYK	0.70, 0.11, 0.00, 0.27
HSL	189°, 54%, 47%
HSV	189°, 70%, 73%
XYZ	23.8430, 31.2538, 50.6749
YIQ	134.6890, -71.3840, -16.8880

# Conversions

## Conversions Part 2

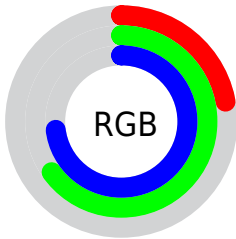
Format	Color
R <sub>YB</sub>	56, 115, 185
Decimal	3712441
CIE Lab	62.72, -23.98, -19.26
CIE LCh	63, 30.758, 218.781
Yxy	31.2538, 0.2254, 0.2955
Android (android.graphics.Color)	4281902521 (0xFF38A5B9)
YUV	134.6890, 24.8033, -69.0103
Hunter-Lab	55.9051, -21.7054, -14.6095

# Details

The Decimal color **3712441** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12143672**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **7920881**, and **29060** is the 20% darker color. If you saturate the color by 10%, you get **2532025**, and if you desaturate by 10%, it is **4892857**.

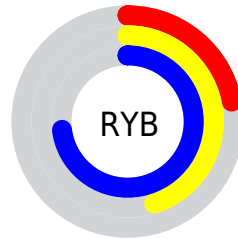
# Distribution



Red (22%)

Green (65%)

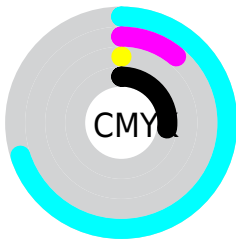
Blue (73%)



Red (22%)

Yellow (45%)

Blue (73%)

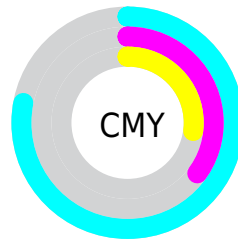


Cyan (70%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (78%)

Magenta (35%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3712441 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 3712441 by changing the saturation by 10% instead.





3712441



3712441

16777215



101022



7920881



29060



9828863



22635



11796479



16466



13697023



10811



15663103



4902



271



0



3712441



3712441

■ 2532025

■ 4892857

■ 1286073

■ 6138809

■ 105657

■ 7384761

■ 40121

■ 8564921

■ 9810873

■ 10991289

■ 12237241

■ 13417657

■ 14598073

# Harmonies

## Analogous

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



4499359



3712441



5546186

# Triad

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



3712441



12682924



10656097

# Complementary

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



3712441



12143672

# 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.



12291941



3712441



13468561

# Square

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



3712441



10915522



13272951



8757356

# Rectangle

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



3712441



7379918



13272951



11245153



# Sweetspot

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



3712441



12445936



3717451



5927800



16250871



7895160



# Same Dimension

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



3712441



2543856



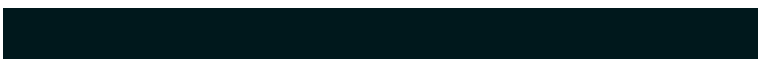
3696057



5462620



33692



6172



# Inverse Universe

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



12138661



15738576



12160056



6050650



10223747



1835032



# Previews

## White Background



This preview shows how the Decimal color 3712441 looks on a white background.

## Color Contrast Check

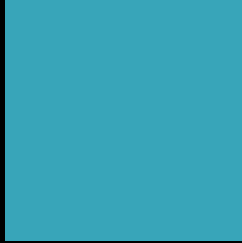
Large Text (above 18pt) WCAG AA × Fail

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 3712441 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 3712441 Background



This preview shows how black text looks on a background with the Decimal color 3712441.



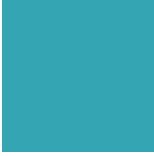
This preview shows how white text looks on a background with the Decimal color 3712441.

# 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](#).

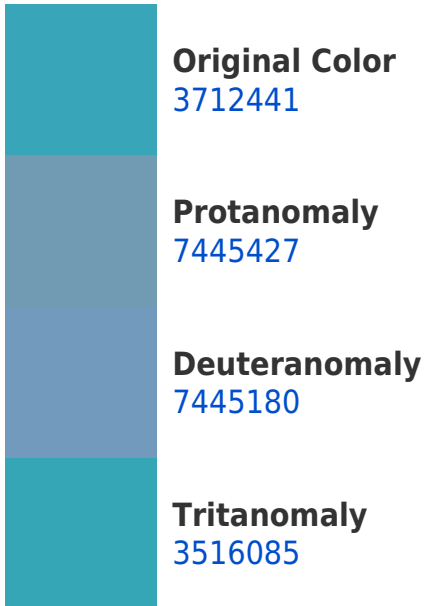
## Dichromacy



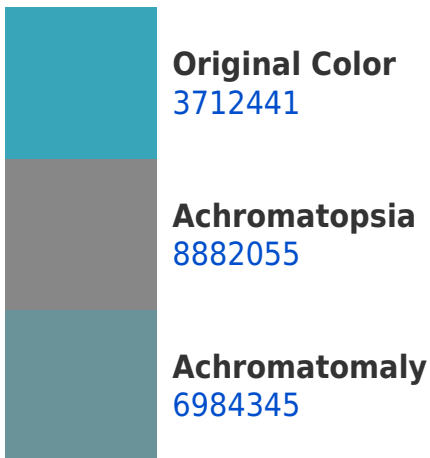


**Tritanopia**  
3450547

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3712441 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 #38A5B9 looks like.

```
.text, #text, p{  
  color:#38A5B9  
}
```

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 #38A5B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A5B9
}
```

## Border

The CSS property to change the border of an element to Decimal 3712441 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
#38A5B9 }
```

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

```
.border{ border-color:#38A5B9 }
```

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

Here you see how a box with a 4 pixel #38A5B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A5B9; -webkit-box-shadow:4px 4px  
4px 4px #38A5B9; box-shadow:4px 4px 4px  
4px #38A5B9 }
```

# Background

The CSS property to change the background color of an element to Decimal 3712441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A5B9 }
```

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

```
.background{ background-color:#38A5B9 }
```

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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