

# Converting Colors

Decimal(7438236)

Have a look what the booklet for  
Decimal(7438236) contains.

<b>Decimal(7438236)</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(7438236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717F9C
RGB	113, 127, 156
RGB Percent	44%, 50%, 61%
CMY	0.5569, 0.5020, 0.3882
CMYK	0.28, 0.19, 0.00, 0.39
HSL	220°, 18%, 53%
HSV	220°, 28%, 61%
XYZ	20.4002, 21.0898, 34.4480
YIQ	126.1200, -17.6530, 6.0510

# Conversions

## Conversions Part 2

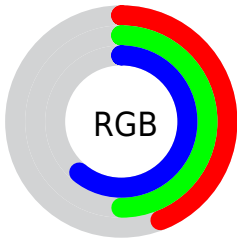
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 124, 156
Decimal	7438236
CIE <sub>Lab</sub>	53.05, 1.75, -17.23
CIE <sub>LCh</sub>	53, 17.320, 275.788
Yxy	21.0898, 0.2686, 0.2777
Android (android.graphics.Color)	4285628316 (0xFF717F9C)
YUV	126.1200, 14.7308, -11.5062
Hunter-Lab	45.9236, -1.0730, -12.3279

# Details

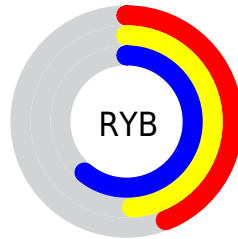
The Decimal color **7438236** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10260081**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **10925267**, and **4214377** is the 20% darker color. If you saturate the color by 10%, you get **6386844**, and if you desaturate by 10%, it is **8489628**.

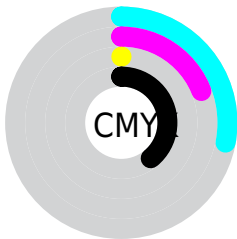
# Distribution



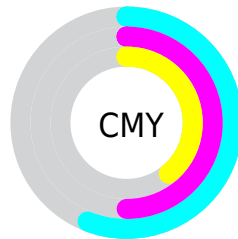
- Red (44%)
- Green (50%)
- Blue (61%)



- Red (44%)
- Yellow (49%)
- Blue (61%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (50%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7438236 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 7438236 by changing the saturation by 10% instead.



■ 7438236

■ 7438236

16777215

■ 5793410

■ 10925267

■ 4214377

■ 12701679

■ 2635601

■ 14543871

■ 1122873

■ 16449535

■ 3108

■ 269

■ 0

■ 7438236

■ 7438236

■ 6386844

■ 8489628

■ 5401244

■ 9475228

■ 4349852

■ 10526620

■ 3364252

■ 11512220

■ 2312860

■ 12563612

■ 1261724

■ 13614748

■ 275868

■ 14600604

■ 13212

■ 15651740

■ 16637596

# Harmonies

## Analogous

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



6259609



7438236



8747671

# Triad

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



7438236



10253934



6719090

# Complementary

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



7438236



1026081

# 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.



7766886



7438236



9730660

# Square

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



7438236



10318972



8879969



5867393

# Rectangle

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



7438236



9467792



8879969



7046510

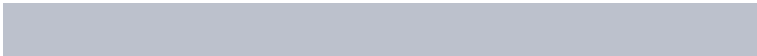


# Sweetspot

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



7438236



12370380



7445646



6053734



15132390



6710886



# Same Dimension

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



7438236



9019340



7893404



4672079



11919



1295



# Inverse Universe

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



10252671



13404575



9804913



5195594



9371694

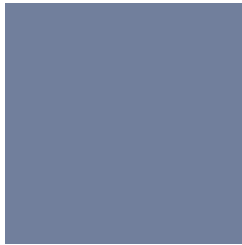


983045



# Previews

## White Background



This preview shows how the Decimal color 7438236 looks on a white background.

## Color Contrast Check

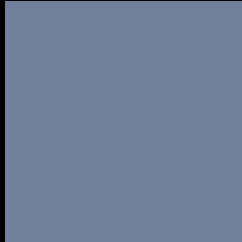
Large Text (above 18pt) WCAG AA ✓ Pass

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 7438236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

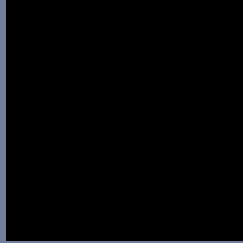
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

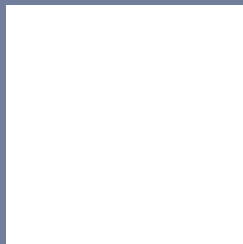
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7438236 Background



This preview shows how black text looks on a background with the Decimal color 7438236.



This preview shows how white text looks on a background with the Decimal color 7438236.

# 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



**Original Color**  
7438236

**Protanopia**  
7896475

**Deuteranopia**  
8092829



**Tritanopia**  
7242380

# Trichromacy



**Original Color**

7438236

**Protanomaly**

7700123

**Deuteranomaly**

7830941

**Tritanomaly**

7307666

# Monochromacy



**Original Color**

7438236

**Achromatopsia**

8289918

**Achromatomaly**

7962249

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7438236 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 #717F9C looks like.

```
.text, #text, p{  
    color:#717F9C  
}
```

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 #717F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717F9C
}
```

## Border

The CSS property to change the border of an element to Decimal 7438236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

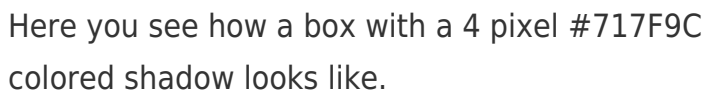
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717F9C }
```

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

```
.border{ border-color:#717F9C }
```

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



Here you see how a box with a 4 pixel #717F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717F9C; -webkit-box-shadow:4px 4px  
4px 4px #717F9C; box-shadow:4px 4px 4px  
4px #717F9C }
```

# Background

The CSS property to change the background color of an element to Decimal 7438236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717F9C }
```

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

```
.background{ background-color:#717F9C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor