

Converting Colors

Decimal(7508637)

Have a look what the booklet for
Decimal(7508637) contains.

Decimal(7508637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7508637)

Conversions

Conversions Part 1

Format	Color
Hex	72929D
RGB	114, 146, 157
RGB Percent	45%, 57%, 62%
CMY	0.5529, 0.4275, 0.3843
CMYK	0.27, 0.07, 0.00, 0.38
HSL	195°, 18%, 53%
HSV	195°, 27%, 62%
XYZ	23.3041, 26.5695, 35.7985
YIQ	137.6860, -22.6030, -3.3630

Conversions

Conversions Part 2

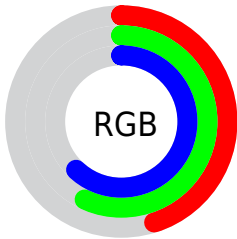
Format	Color
RYB	114, 132, 157
Decimal	7508637
CIELab	58.57, -8.49, -9.46
CIELCh	59, 12.715, 228.089
Yxy	26.5695, 0.2720, 0.3101
Android (android.graphics.Color)	4285698717 (0xFF72929D)
YUV	137.6860, 9.5218, -20.7726
Hunter-Lab	51.5456, -9.5038, -5.0950

Details

The Decimal color **7508637** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10321266**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **10995924**, and **4218986** is the 20% darker color. If you saturate the color by 10%, you get **6459037**, and if you desaturate by 10%, it is **8558237**.

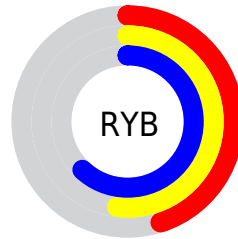
Distribution



Red (45%)

Green (57%)

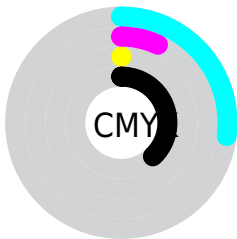
Blue (62%)



Red (45%)

Yellow (52%)

Blue (62%)

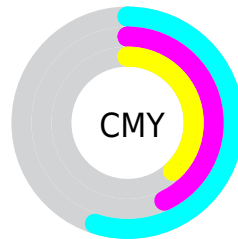


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7508637 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 7508637 by changing the saturation by 10% instead.



7508637



7508637

16777215



5863555



10995924



4218986



12772592



2705490



14680063



1061179



16515071



7205



272



0



7508637



7508637



6459037



8558237

■ 5474973

■ 9542301

■ 4425373

■ 10591901

■ 3375773

■ 11641501

■ 2326173

■ 12691101

■ 1342109

■ 13675165

■ 292509

■ 14724765

■ 30109

■ 15774365

■ 16758429

Harmonies

Analogous

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



7377811



7508637



8097698

Triad

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



7508637



10585746



9408120

Complementary

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



7508637



10321266

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.



10128247



7508637



10847622

Square

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



7508637



9930908



10651517



8556926

Rectangle

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



7508637



8752547



10651517



9670007

Sweetspot

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



7508637



12372172



7511421



6054758



15132390



6710886

Same Dimension

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



7508637



9026508



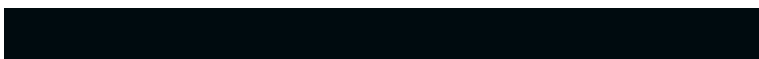
7503261



4672847



27279



2831

Inverse Universe

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



10318482



13404603



10326642



5195597



9371754



983051

Previews

White Background



This preview shows how the Decimal color 7508637 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 7508637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

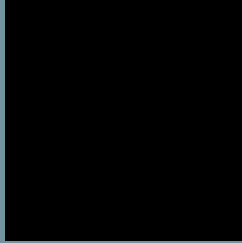
Any Text WCAG AA ✓ Pass

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 7508637 Background



This preview shows how black text looks on a background with the Decimal color 7508637.

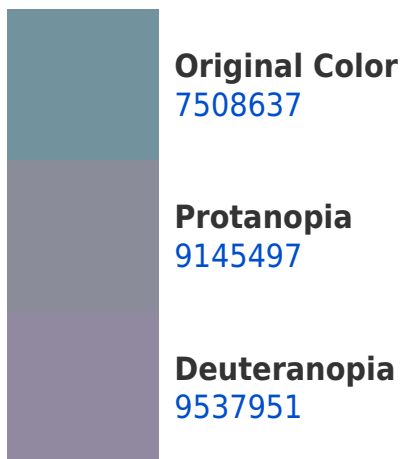



This preview shows how white text looks on a background with the Decimal color 7508637.

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](#).

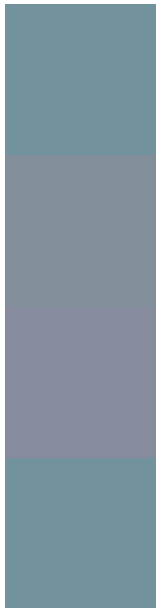
Dichromacy





Tritanopia
7508638

Trichromacy



Original Color
7508637

Protanomaly
8556186

Deuteranomaly
8817822

Tritanomaly
7508638

Monochromacy



Original Color
7508637

Achromatopsia
9079434

Achromatomaly
8490385

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7508637 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 #72929D looks like.

```
.text, #text, p{  
    color:#72929D  
}
```

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 #72929D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72929D
}
```

Border

The CSS property to change the border of an element to Decimal 7508637 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
#72929D }
```

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

```
.border{ border-color:#72929D }
```

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

Here you see how a box with a 4 pixel #72929D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72929D; -webkit-box-shadow:4px 4px  
4px 4px #72929D; box-shadow:4px 4px 4px  
4px #72929D }
```

Background

The CSS property to change the background color of an element to Decimal 7508637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72929D }
```

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

```
.background{ background-color:#72929D }
```

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