

Converting Colors

Decimal(7637634)

Have a look what the booklet for
Decimal(7637634) contains.

Decimal(7637634)	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(7637634)

Conversions

Conversions Part 1

Format	Color
Hex	748A82
RGB	116, 138, 130
RGB Percent	45%, 54%, 51%
CMY	0.5451, 0.4588, 0.4902
CMYK	0.16, 0.00, 0.06, 0.46
HSL	158°, 9%, 50%
HSV	158°, 16%, 54%
XYZ	20.3202, 23.5017, 24.5844
YIQ	130.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

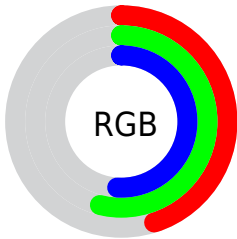
Format	Color
R_{YB}	116, 129, 138
Decimal	7637634
CIE Lab	55.59, -9.58, 1.64
CIE LCh	56, 9.723, 170.305
Yxy	23.5017, 0.2971, 0.3436
Android (android.graphics.Color)	4285827714 (0xFF748A82)
YUV	130.5100, -0.2514, -12.7253
Hunter-Lab	48.4785, -10.0175, 3.8679

Details

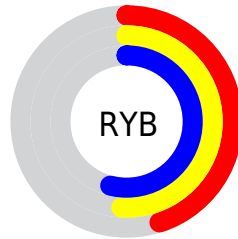
The Decimal color **7637634** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9073788**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **11059127**, and **4479057** is the 20% darker color. If you saturate the color by 10%, you get **6720125**, and if you desaturate by 10%, it is **8555143**.

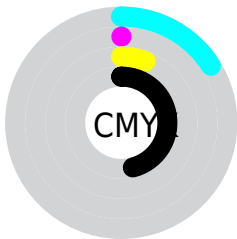
Distribution



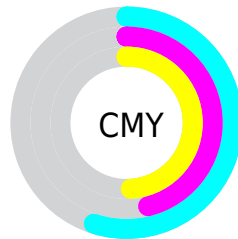
- Red (45%)
- Green (54%)
- Blue (51%)



- Red (45%)
- Yellow (51%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7637634 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 7637634 by changing the saturation by 10% instead.

■ 7637634

■ 7637634

16777215

■ 5992809

■ 11059127

■ 4479057

■ 12901330

■ 2965818

■ 14743791

■ 1583908

■ 16580607

■ 5903

■ 0

■ 7637634

■ 7637634

■ 6720125

■ 8555143

■ 5802616

■ 9472652

■ 4950643

■ 10324625

■ 4033134

■ 11242134

■ 3115625

■ 12159643

■ 2198116

■ 13077152

■ 1280607

■ 13994661

■ 428634

■ 14846634

■ 35416

■ 15764143

Harmonies

Analogous

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



8161658



7637634



7375499

Triad

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



7637634



8619157



9798008

Complementary

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



7637634



9073788

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.



9928832



7637634



9339280

Square

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



7637634



7964566



9797768



9405557

Rectangle

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



7637634



7375248



9797768



9863291

Sweetspot

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



7637634



11187119



8161908



5527895



14277081



5855577

Same Dimension

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



7637634



9548710



7636874



4080962



34132



1283

Inverse Universe

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



9073788



11768221



9074548



4537920



8716336



327682

Previews

White Background



This preview shows how the Decimal color 7637634 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 7637634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

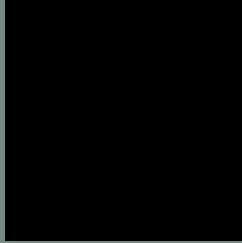
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

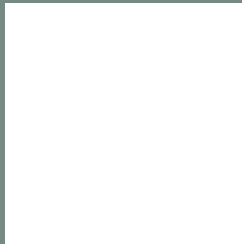
Any Text WCAG AAA × Fail

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

Decimal 7637634 Background



This preview shows how black text looks on a background with the Decimal color 7637634.

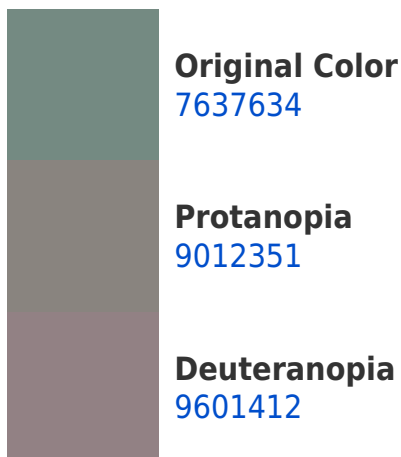


This preview shows how white text looks on a background with the Decimal color 7637634.

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



Trichromacy



Original Color

7637634

Protanomaly

8488576

Deuteranomaly

8881283

Tritanomaly

7768460

Monochromacy



Original Color

7637634

Achromatopsia

8618883

Achromatomaly

8291971

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7637634 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 #748A82 looks like.

```
.text, #text, p{  
  color:#748A82  
}
```

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 #748A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748A82
}
```

Border

The CSS property to change the border of an element to Decimal 7637634 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
#748A82 }
```

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

```
.border{ border-color:#748A82 }
```

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

Here you see how a box with a 4 pixel #748A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748A82; -webkit-box-shadow:4px 4px  
4px 4px #748A82; box-shadow:4px 4px 4px  
4px #748A82 }
```

Background

The CSS property to change the background color of an element to Decimal 7637634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748A82 }
```

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

```
.background{ background-color:#748A82 }
```

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