

Converting Colors

Decimal(7702129)

Have a look what the booklet for
Decimal(7702129) contains.

Decimal(7702129)	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(7702129)

Conversions

Conversions Part 1

Format	Color
Hex	758671
RGB	117, 134, 113
RGB Percent	46%, 53%, 44%
CMY	0.5412, 0.4745, 0.5569
CMYK	0.13, 0.00, 0.16, 0.47
HSL	109°, 9%, 48%
HSV	109°, 16%, 53%
XYZ	18.8419, 22.0244, 18.8808
YIQ	126.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

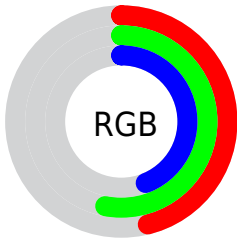
Format	Color
RYB	113, 134, 130
Decimal	7702129
CIELab	54.05, -10.41, 9.25
CIELCh	54, 13.929, 138.373
Yxy	22.0244, 0.3154, 0.3686
Android (android.graphics.Color)	4285892209 (0xFF758671)
YUV	126.5230, -6.6668, -8.3517
Hunter-Lab	46.9301, -10.4622, 8.9976

Details

The Decimal color **7702129** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8548742**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11123621**, and **4543553** is the 20% darker color. If you saturate the color by 10%, you get **6981220**, and if you desaturate by 10%, it is **8423038**.

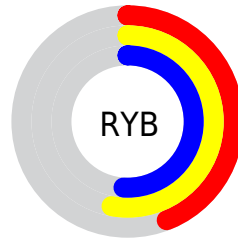
Distribution



Red (46%)

Green (53%)

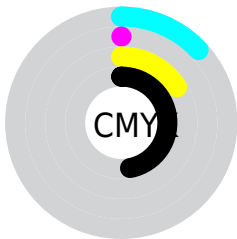
Blue (44%)



Red (44%)

Yellow (53%)

Blue (51%)

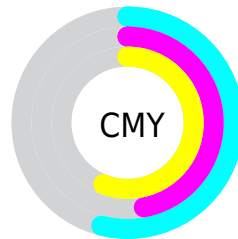


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (47%)



Cyan (54%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7702129 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 7702129 by changing the saturation by 10% instead.



7702129



7702129

16777215



6057305



11123621



4543553



12900288



3030315



14742492



1648406



16646136



4864



0



7702129



7702129



6981220



8423038



6260310



9143948

■ 5539401

■ 9864857

■ 4884027

■ 10520231

■ 4163118

■ 11241140

■ 3442209

■ 11962049

■ 2721299

■ 12682959

■ 2000390

■ 13403868

■ 1738240

■ 14124778

Harmonies

Analogous

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



8618858



7702129



6916220

Triad

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



7702129



7242904



10189178

Complementary

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



7702129



8548742

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.



9927046



7702129



8224920

Square

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



7702129



6588307



9206929



9993072

Rectangle

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



7702129



6523012



9206929



10123646

Sweetspot

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



7702129



10923429



8815217



5396305



14079702



5723991

Same Dimension

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



7702129



9678220



7439991



4014652



1671680



768

Inverse Universe

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



8548742



10980525



8810880



4275266



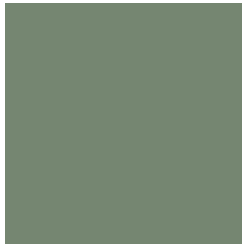
6881410



131075

Previews

White Background



This preview shows how the Decimal color 7702129 looks on a white background.

Color Contrast Check

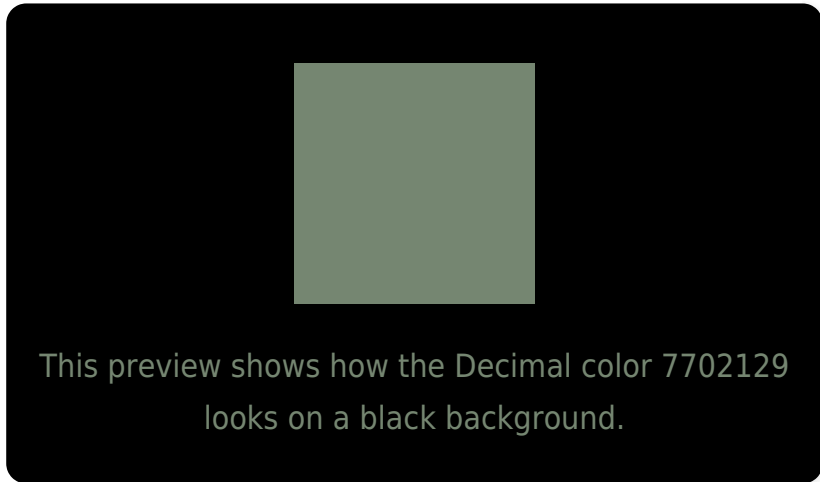
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

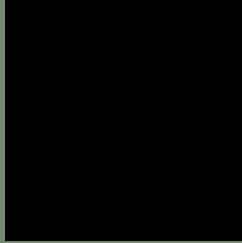
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

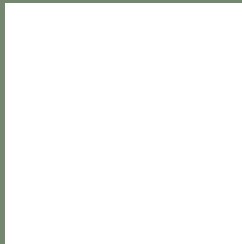
Any Text WCAG AAA × Fail

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

Decimal 7702129 Background



This preview shows how black text looks on a background with the Decimal color 7702129.

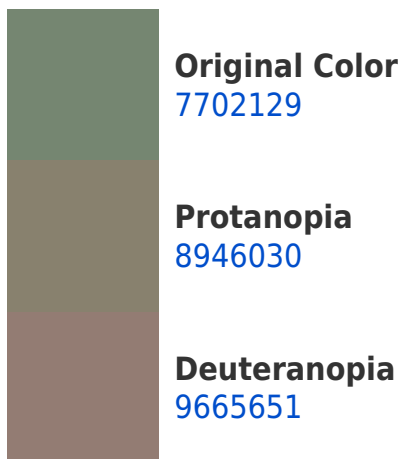


This preview shows how white text looks on a background with the Decimal color 7702129.

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
7702129

Protanomaly
8487791

Deuteranomaly
8945778

Tritanomaly
7897986

Monochromacy



Original Color
7702129

Achromatopsia
8355711

Achromatomaly
8094330

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7702129 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 #758671 looks like.

```
.text, #text, p{  
    color:#758671  
}
```

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 #758671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758671
}
```

Border

The CSS property to change the border of an element to Decimal 7702129 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
#758671 }
```

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

```
.border{ border-color:#758671 }
```

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

Here you see how a box with a 4 pixel #758671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758671; -webkit-box-shadow:4px 4px  
4px 4px #758671; box-shadow:4px 4px 4px  
4px #758671 }
```

Background

The CSS property to change the background color of an element to Decimal 7702129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758671 }
```

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

```
.background{ background-color:#758671 }
```

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