

# Converting Colors

Decimal(7712634)

Have a look what the booklet for  
Decimal(7712634) contains.

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# **Color**

**Decimal(7712634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75AF7A
RGB	117, 175, 122
RGB Percent	46%, 69%, 48%
CMY	0.5412, 0.3137, 0.5216
CMYK	0.33, 0.00, 0.30, 0.31
HSL	125°, 27%, 57%
HSV	125°, 33%, 69%
XYZ	26.1789, 35.8470, 23.9517
YIQ	151.6160, -17.5550, -28.7790

# Conversions

## Conversions Part 2

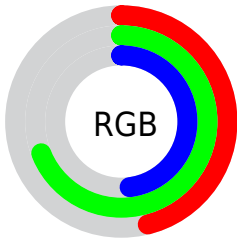
Format	Color
<a href="#">RYB</a>	<a href="#">117, 170, 175</a>
Decimal	<a href="#">7712634</a>
CIELab	<a href="#">66.40, -29.87, 21.34</a>
CIELCh	<a href="#">66, 36.708, 144.452</a>
Yxy	<a href="#">35.8470, 0.3045, 0.4169</a>
Android (android.graphics.Color)	<a href="#">4285902714 (0xFF75AF7A)</a>
YUV	<a href="#">151.6160, -14.6007, -30.3582</a>
Hunter-Lab	<a href="#">59.8724, -26.7282, 18.1919</a>

# Details

The Decimal color **7712634** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11498922**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **11265967**, and **4356681** is the 20% darker color. If you saturate the color by 10%, you get **6532970**, and if you desaturate by 10%, it is **8892298**.

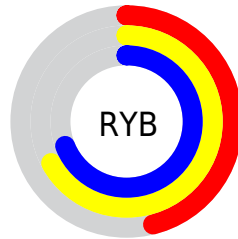
# Distribution



Red (46%)

Green (69%)

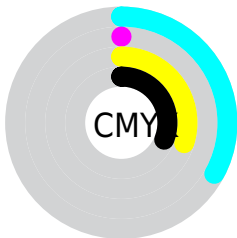
Blue (48%)



Red (46%)

Yellow (67%)

Blue (69%)

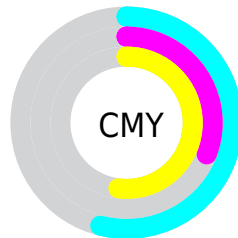


Cyan (33%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7712634 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 7712634 by changing the saturation by 10% instead.





7712634



7712634

16777215



6001761



11265967



4356681



13107146



2646322



14942182



805148



12804



7680



0



7712634



7712634



6532970



8892298

■ 5418842

■ 10006426

■ 4304714

■ 11186090

■ 3125050

■ 12300218

■ 2010922

■ 13479882

■ 831258

■ 14594010

■ 44815

■ 15773674

■ 16756730

■ 16756735

# Harmonies

## Analogous

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



10266724



7712634



4830106

# Triad

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



7712634



6727651



14780808

# Complementary

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



7712634



11498922

# 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.



14518441



7712634



10263517

# Square

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



7712634



2666454



12947400



13996653

# Rectangle

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



7712634



2470833



12947400



14846099



# Sweetspot

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



7712634



13427662



11186037



6648678



15921906



7566195



# Same Dimension

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



7712634



8971152



7712663



5134159



38413



5890



# Inverse Universe

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



11498922



14911707



11498893



5721686



9830537



1507349



# Previews

## White Background



This preview shows how the Decimal color 7712634 looks on a white background.

## Color Contrast Check

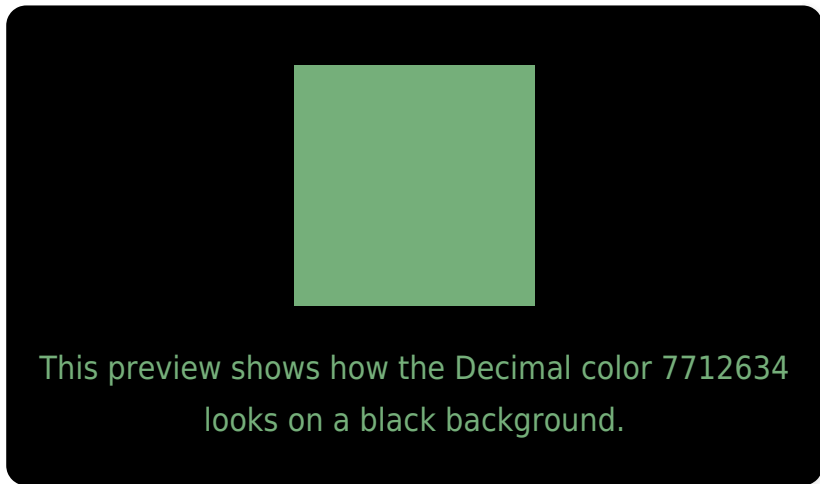
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

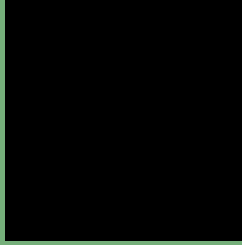
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 7712634 Background



This preview shows how black text looks on a background with the Decimal color 7712634.




This preview shows how white text looks on a background with the Decimal color 7712634.

# 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**  
8431541

# Trichromacy



**Original Color**  
7712634

**Protanomaly**  
10069622

**Deuteranomaly**  
10658429

**Tritanomaly**  
8170144

# Monochromacy



**Original Color**  
7712634

**Achromatopsia**  
10000536

**Achromatomaly**  
9150605

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7712634 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 #75AF7A looks like.

```
.text, #text, p{  
  color:#75AF7A  
}
```

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 #75AF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AF7A
}
```

## Border

The CSS property to change the border of an element to Decimal 7712634 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
#75AF7A }
```

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

```
.border{ border-color:#75AF7A }
```

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

Here you see how a box with a 4 pixel #75AF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AF7A; -webkit-box-shadow:4px 4px  
4px 4px #75AF7A; box-shadow:4px 4px 4px  
4px #75AF7A }
```

# Background

The CSS property to change the background color of an element to Decimal 7712634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AF7A }
```

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

```
.background{ background-color:#75AF7A }
```

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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