

# Converting Colors

Decimal(7764282)

Have a look what the booklet for  
Decimal(7764282) contains.

<b>Decimal(7764282)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(7764282)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76793A
RGB	118, 121, 58
RGB Percent	46%, 47%, 23%
CMY	0.5373, 0.5255, 0.7725
CMYK	0.02, 0.00, 0.52, 0.53
HSL	63°, 35%, 35%
HSV	63°, 52%, 47%
XYZ	15.0723, 17.8318, 6.6505
YIQ	112.9210, 18.4350, -20.2290

# Conversions

## Conversions Part 2

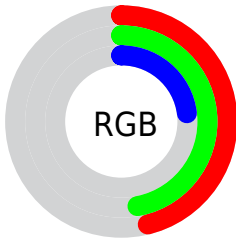
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 121, 61
Decimal	7764282
CIELab	49.29, -10.79, 33.81
CIELCh	49, 35.489, 107.707
Yxy	17.8318, 0.3811, 0.4508
Android (android.graphics.Color)	4285954362 (0xFF76793A)
YUV	112.9210, -27.0761, 4.4543
Hunter-Lab	42.2277, -10.1866, 20.2218

# Details

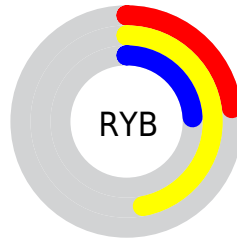
The Decimal color **7764282** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4012665**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11316587**, and **4475146** is the 20% darker color. If you saturate the color by 10%, you get **7698734**, and if you desaturate by 10%, it is **7829830**.

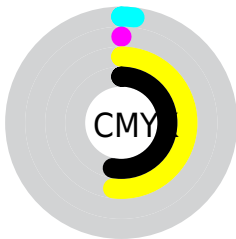
# Distribution



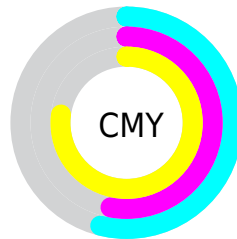
- Red (46%)
- Green (47%)
- Blue (23%)



- Red (23%)
- Yellow (47%)
- Blue (24%)



- Cyan (2%)
- Magenta (0%)
- Yellow (52%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7764282 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 7764282 by changing the saturation by 10% instead.





7764282



7764282

16777215



6053922



11316587



4475146



13093253



2961920



15000991



1318144



16777147



0



16777175



16777203



7764282



7764282



7698734



7829830

 7698722

 7829842

 7633174

 7895390

 7633162


 7895402


 7567616

 7960950

 7960963

 8026511

 8092059

 8092071

# Harmonies

## Analogous

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



9596730



7764282



5537867

# Triad

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



7764282



33441



10968707

# Complementary

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



7764282



4012665

# 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.



9332638



7764282



2194608

# Square

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



7764282



34182



6582958



11492708

# Rectangle

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



7764282



3638109



6582958



10576013



# Sweetspot

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



7764282



10329733



7945274



5132096



13619151



5197647



# Same Dimension

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



7764282



10067516



5732666



4013367



7830784



15793152



# Inverse Universe

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



4012665



4275358



6044281



3618621



393341



786684



# Previews

## White Background



This preview shows how the Decimal color 7764282 looks on a white background.

## Color Contrast Check

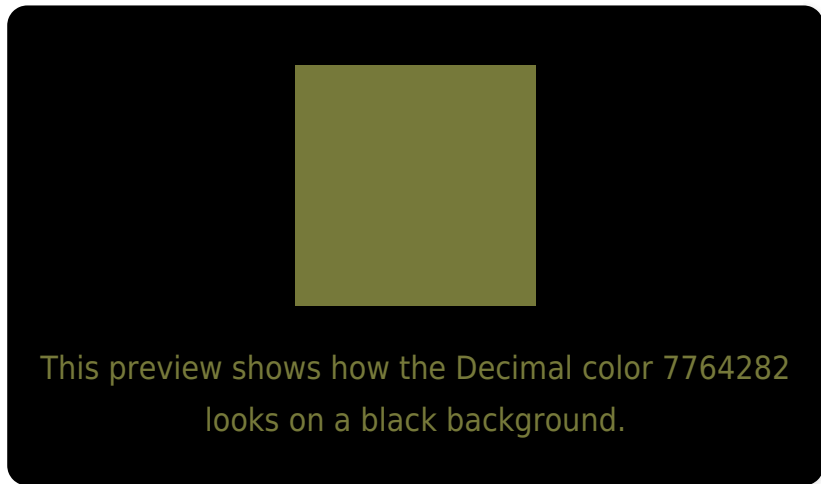
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

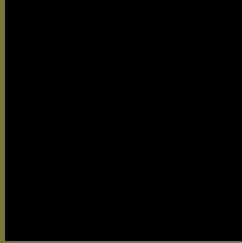
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7764282 Background



This preview shows how black text looks on a background with the Decimal color 7764282.



This preview shows how white text looks on a background with the Decimal color 7764282.

# 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**

7764282

**Protanopia**

8549689

**Deuteranopia**

9465916



**Tritanopia**  
8221307

# Trichromacy



**Original Color**  
7764282

**Protanomaly**  
8287801

**Deuteranomaly**  
8876859

**Tritanomaly**  
8025443

# Monochromacy



**Original Color**  
7764282

**Achromatopsia**  
7434609

**Achromatomaly**  
7566429

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7764282 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 #76793A looks like.

```
.text, #text, p{  
    color:#76793A  
}
```

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 #76793A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76793A
}
```

## Border

The CSS property to change the border of an element to Decimal 7764282 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
#76793A }
```

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

```
.border{ border-color:#76793A }
```

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

Here you see how a box with a 4 pixel #76793A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76793A; -webkit-box-shadow:4px 4px  
4px 4px #76793A; box-shadow:4px 4px 4px  
4px #76793A }
```

# Background

The CSS property to change the background color of an element to Decimal 7764282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76793A }
```

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

```
.background{ background-color:#76793A }
```

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