

# Converting Colors

Decimal(7783562)

Have a look what the booklet for  
Decimal(7783562) contains.

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# **Color**

**Decimal(7783562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C48A
RGB	118, 196, 138
RGB Percent	46%, 77%, 54%
CMY	0.5373, 0.2314, 0.4588
CMYK	0.40, 0.00, 0.30, 0.23
HSL	135°, 40%, 62%
HSV	135°, 40%, 77%
XYZ	31.7986, 45.1664, 31.0868
YIQ	166.0660, -27.8700, -34.5740

# Conversions

## Conversions Part 2

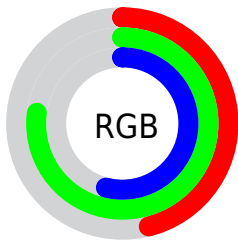
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 180, 196
Decimal	7783562
CIELab	73.00, -36.52, 21.76
CIELCh	73, 42.511, 149.218
Yxy	45.1664, 0.2943, 0.4180
Android (android.graphics.Color)	4285973642 (0xFF76C48A)
YUV	166.0660, -13.8365, -42.1539
Hunter-Lab	67.2059, -33.1529, 19.6190

# Details

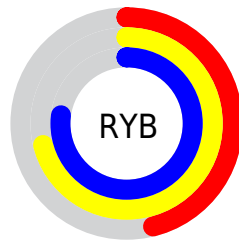
The Decimal color **7783562** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **12875440**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11402688**, and **4230744** is the 20% darker color. If you saturate the color by 10%, you get **6472827**, and if you desaturate by 10%, it is **9094297**.

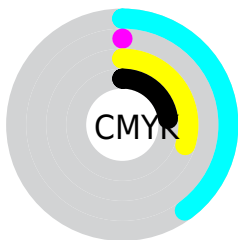
# Distribution



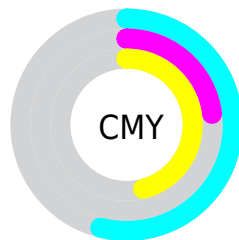
- Red (46%)
- Green (77%)
- Blue (54%)



- Red (46%)
- Yellow (71%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)




- Cyan (54%)
- Magenta (23%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7783562 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 7783562 by changing the saturation by 10% instead.



 7783562

 7783562

16777215


 6006896

 11402688

 4230744

 13238236

 2389056

 15138808

 23337

 16916

 11264

 4608

 0

 7783562

 7783562

 6472827

 9094297

 5227629

 10339495

 3916894

 11650230

 2671696

 12895428

 1360961

 14206163

 50227

 15516897

 50226

 16762096

 16762111

# Harmonies

## Analogous

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



10861678



7783562



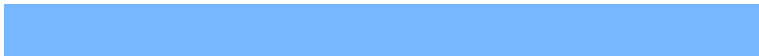
3786929

# Triad

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



7783562



7780351



16619663

# Complementary

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



7783562



12875440

# 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.



16487606



7783562



11971063

# Square

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



7783562



1491701



14916828



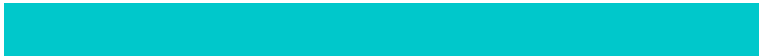
15508337

# Rectangle

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



7783562



51403



14916828



16749980

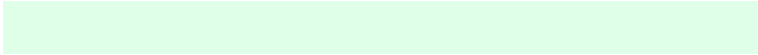


# Sweetspot

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



7783562



14745576



11650166



7241842



0



8421504



# Same Dimension

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



7783562



8781732



7783601



5726554



41257



8457



# Inverse Universe

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



12875440



16745952



12875402



6379358



10551415



2162713



# Previews

## White Background



This preview shows how the Decimal color 7783562 looks on a white background.

## Color Contrast Check

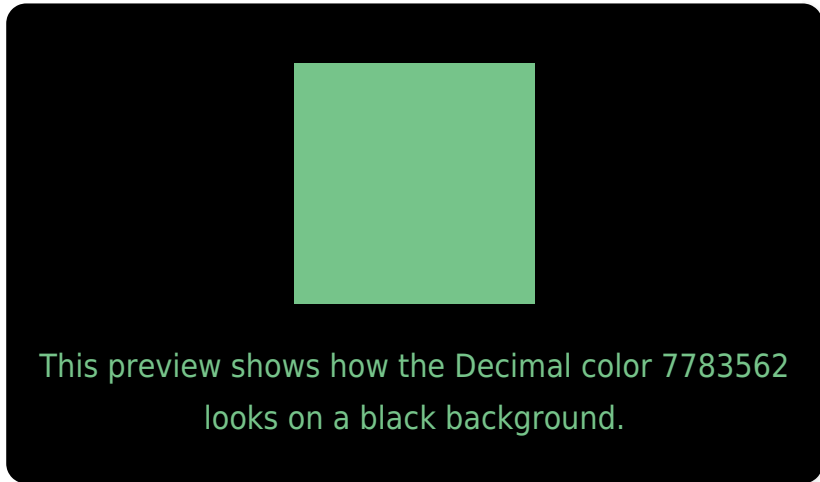
Large Text (above 18pt) WCAG AA × Fail

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 7783562 Background



This preview shows how black text looks on a background with the Decimal color 7783562.



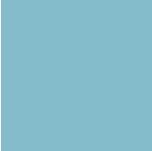
This preview shows how white text looks on a background with the Decimal color 7783562.

# 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**  
8699083

# Trichromacy



**Original Color**

7783562



**Protanomaly**

10860933



**Deuteranomaly**

11515021



**Tritanomaly**

8372147

# Monochromacy



**Original Color**

7783562



**Achromatopsia**

10921638



**Achromatomaly**

9810332

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7783562 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 #76C48A looks like.

```
.text, #text, p{  
    color:#76C48A  
}
```

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 #76C48A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C48A
}
```

## Border

The CSS property to change the border of an element to Decimal 7783562 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
#76C48A }
```

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

```
.border{ border-color:#76C48A }
```

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

Here you see how a box with a 4 pixel #76C48A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C48A; -webkit-box-shadow:4px 4px  
4px 4px #76C48A; box-shadow:4px 4px 4px  
4px #76C48A }
```

# Background

The CSS property to change the background color of an element to Decimal 7783562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C48A }
```

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

```
.background{ background-color:#76C48A }
```

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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