

# Converting Colors

Decimal(7784642)

Have a look what the booklet for  
Decimal(7784642) contains.

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# **Color**

**Decimal(7784642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C8C2
RGB	118, 200, 194
RGB Percent	46%, 78%, 76%
CMY	0.5373, 0.2157, 0.2392
CMYK	0.41, 0.00, 0.03, 0.22
HSL	176°, 43%, 62%
HSV	176°, 41%, 78%
XYZ	37.8631, 49.0551, 58.5119
YIQ	174.7980, -46.9460, -19.2500

# Conversions

## Conversions Part 2

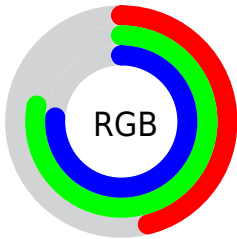
Format	Color
<a href="#">RYB</a>	<a href="#">118, 161, 200</a>
Decimal	<a href="#">7784642</a>
CIELab	<a href="#">75.49, -26.44, -4.87</a>
CIELCh	<a href="#">75, 26.879, 190.434</a>
Yxy	<a href="#">49.0551, 0.2604, 0.3373</a>
Android (android.graphics.Color)	<a href="#">4285974722</a> ( <a href="#">0xFF76C8C2</a> )
YUV	<a href="#">174.7980, 9.4666, -49.8118</a>
Hunter-Lab	<a href="#">70.0394, -26.0723, -0.5042</a>

# Details

The Decimal color **7784642** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13137532**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **11468794**, and **4100748** is the 20% darker color. If you saturate the color by 10%, you get **6473921**, and if you desaturate by 10%, it is **9095363**.

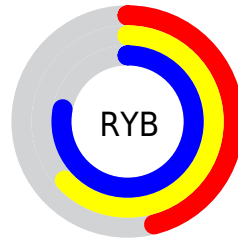
# Distribution



Red (46%)

Green (78%)

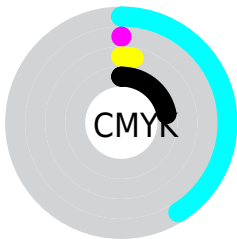
Blue (76%)



Red (46%)

Yellow (63%)

Blue (78%)

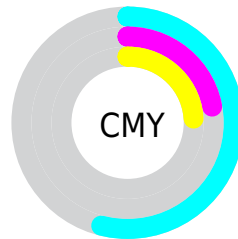


Cyan (41%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (54%)

Magenta (22%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7784642 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 7784642 by changing the saturation by 10% instead.





7784642



7784642

16777215



5942439



11468794



4100748



13369343



1996915



15269887



24411



18243



12333



7192



0



7784642



7784642

6473921

9095363

5163199

10406085

3852478

11716806

2541756

13027528

1231035

14338249

51385

15648971

16763084

16763086

16763087

# Harmonies

## Analogous

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



9226153



7784642



7522009

# Triad

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



7784642



13218272



14398348

# Complementary

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



7784642



13137532

# 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.



15314075



7784642



14789323

# Square

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



7784642



11057642



15509682



12827529

# Rectangle

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



7784642



8242148



15509682



14790800



# Sweetspot

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



7784642



14745597



8243318



7241854



0



8421504



# Same Dimension

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



7784642



8585206



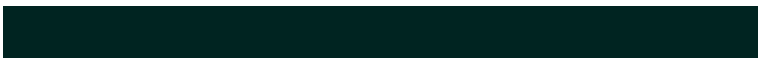
7775944



5923683



41879



9249



# Inverse Universe

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



13137532



16745099



13146230



6511194



10682380

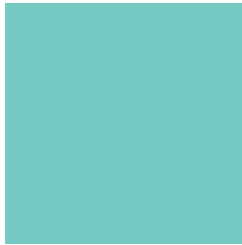


2359299



# Previews

## White Background



This preview shows how the Decimal color 7784642 looks on a white background.

## Color Contrast Check

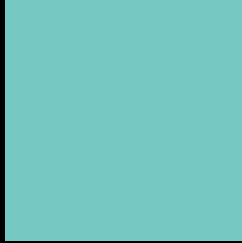
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7784642 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

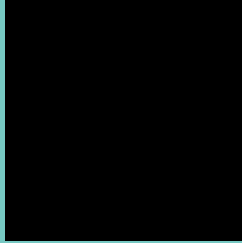
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

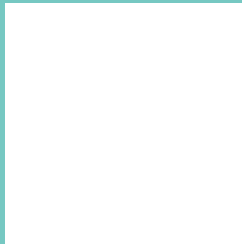
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7784642 Background



This preview shows how black text looks on a background with the Decimal color 7784642.



This preview shows how white text looks on a background with the Decimal color 7784642.

# 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**  
8111573

# Trichromacy



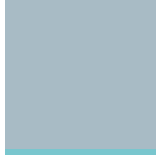
**Original Color**

7784642



**Protanomaly**

10731196



**Deuteranomaly**

11058117



**Tritanomaly**

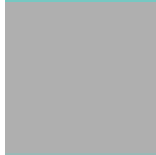
7980750

# Monochromacy



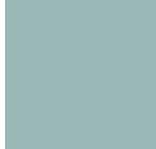
**Original Color**

7784642



**Achromatopsia**

11513775



**Achromatomaly**

10139830

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7784642 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 #76C8C2 looks like.

```
.text, #text, p{  
    color:#76C8C2  
}
```

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 #76C8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C8C2
}
```

## Border

The CSS property to change the border of an element to Decimal 7784642 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
#76C8C2 }
```

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

```
.border{ border-color:#76C8C2 }
```

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

Here you see how a box with a 4 pixel #76C8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C8C2; -webkit-box-shadow:4px 4px  
4px 4px #76C8C2; box-shadow:4px 4px 4px  
4px #76C8C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7784642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C8C2 }
```

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

```
.background{ background-color:#76C8C2 }
```

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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