

# Converting Colors

Decimal(7786952)

Have a look what the booklet for  
Decimal(7786952) contains.

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**Color**

**Decimal(7786952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76D1C8
RGB	118, 209, 200
RGB Percent	46%, 82%, 78%
CMY	0.5373, 0.1804, 0.2157
CMYK	0.44, 0.00, 0.04, 0.18
HSL	174°, 50%, 64%
HSV	174°, 44%, 82%
XYZ	40.6970, 53.6226, 62.8488
YIQ	180.7650, -51.3470, -22.0910

# Conversions

## Conversions Part 2

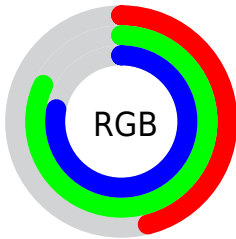
Format	Color
<a href="#">RYB</a>	<a href="#">118, 166, 209</a>
Decimal	<a href="#">7786952</a>
CIELab	<a href="#">78.24, -29.35, -4.04</a>
CIELCh	<a href="#">78, 29.630, 187.834</a>
Yxy	<a href="#">53.6226, 0.2589, 0.3412</a>
Android (android.graphics.Color)	<a href="#">4285977032 (0xFF76D1C8)</a>
YUV	<a href="#">180.7650, 9.4829, -55.0449</a>
Hunter-Lab	<a href="#">73.2275, -28.9446, 0.3725</a>

# Details

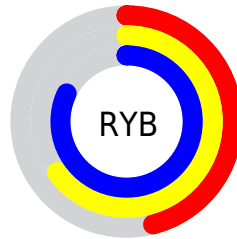
The Decimal color **7786952** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13727359**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **11534335**, and **3971730** is the 20% darker color. If you saturate the color by 10%, you get **6410694**, and if you desaturate by 10%, it is **9163210**.

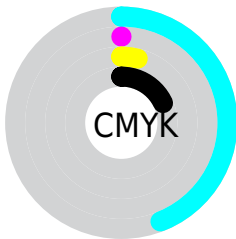
# Distribution



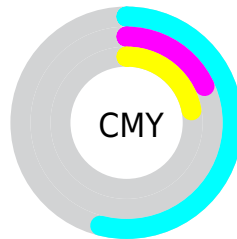
- Red (46%)
- Green (82%)
- Blue (78%)



- Red (46%)
- Yellow (65%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7786952 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 7786952 by changing the saturation by 10% instead.



■ 7786952

■ 7786952

16777215

■ 5944749

■ 11534335

■ 3971730

■ 13434879

■ 1736824

■ 15335423

■ 26208

■ 20040

■ 13874

■ 8733

■ 2

■ 0

7786952

7786952

6410694

9163210

5034436

10539468

3658178

11915726

2281920

13291984

971198

14668242

53692

15978964

16765398

16765401

16765403

# Harmonies

## Analogous

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



9490348



7786952



7327714

# Triad

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



7786952



13613293



15186319

# Complementary

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



7786952



13727359

# 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.



16167329



7786952



15446231

# Square

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



7786952



11125496



16297403



13550219

# Rectangle

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



7786952



8047855



16297403



15644308

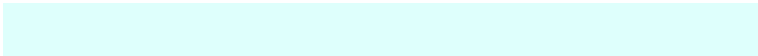


# Sweetspot

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



7786952



14614524



8376694



7045245



0



8421504



# Same Dimension

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



7786952



8060914



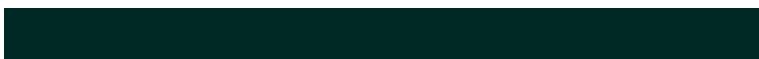
7777745



6187368



43160



10533



# Inverse Universe

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



13727359



16743048



13736566



6905439



11010065

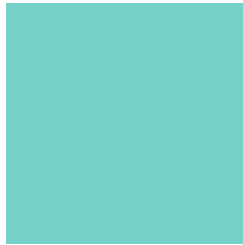


2686980



# Previews

## White Background



This preview shows how the Decimal color 7786952 looks on a white background.

## Color Contrast Check

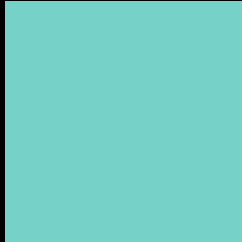
Large Text (above 18pt) WCAG AA × Fail

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 7786952 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

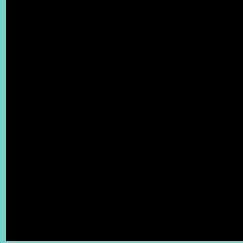
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

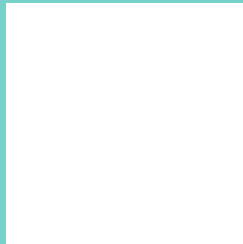
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7786952 Background



This preview shows how black text looks on a background with the Decimal color 7786952.



This preview shows how white text looks on a background with the Decimal color 7786952.

# 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





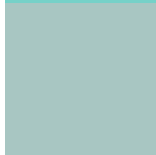
**Tritanopia**  
8179422

# Trichromacy



**Original Color**

7786952



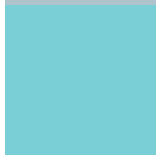
**Protanomaly**

11060930



**Deuteranomaly**

11453387



**Tritanomaly**

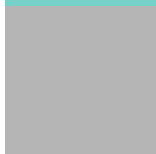
8048598

# Monochromacy



**Original Color**

7786952



**Achromatopsia**

11908533



**Achromatomaly**

10403772

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7786952 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 #76D1C8 looks like.

```
.text, #text, p{  
    color:#76D1C8  
}
```

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 #76D1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D1C8
}
```

## Border

The CSS property to change the border of an element to Decimal 7786952 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
#76D1C8 }
```

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

```
.border{ border-color:#76D1C8 }
```

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

Here you see how a box with a 4 pixel #76D1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D1C8; -webkit-box-shadow:4px 4px  
4px 4px #76D1C8; box-shadow:4px 4px 4px  
4px #76D1C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7786952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D1C8 }
```

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

```
.background{ background-color:#76D1C8 }
```

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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