

# Converting Colors

Decimal(7788428)

Have a look what the booklet for  
Decimal(7788428) contains.

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**Color**

**Decimal(7788428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76D78C
RGB	118, 215, 140
RGB Percent	46%, 84%, 55%
CMY	0.5373, 0.1569, 0.4510
CMYK	0.45, 0.00, 0.35, 0.16
HSL	134°, 55%, 65%
HSV	134°, 45%, 84%
XYZ	36.5053, 54.3459, 33.3767
YIQ	177.4470, -33.7370, -43.8890

# Conversions

## Conversions Part 2

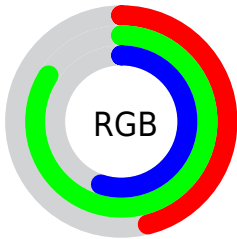
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 197, 215
Decimal	7788428
CIELab	78.66, -44.58, 28.36
CIELCh	79, 52.838, 147.538
Yxy	54.3459, 0.2939, 0.4375
Android (android.graphics.Color)	4285978508 (0xFF76D78C)
YUV	177.4470, -18.4614, -52.1350
Hunter-Lab	73.7197, -40.6179, 24.7601

# Details

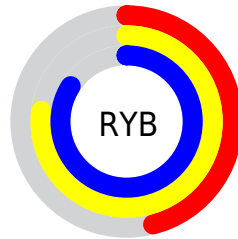
The Decimal color **7788428** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14120641**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **11534274**, and **4038489** is the 20% darker color. If you saturate the color by 10%, you get **6412155**, and if you desaturate by 10%, it is **9230237**.

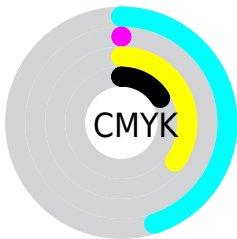
# Distribution



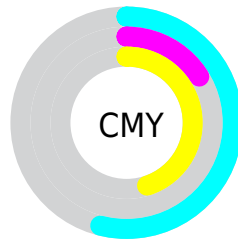
- Red (46%)
- Green (84%)
- Blue (55%)



- Red (46%)
- Yellow (77%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7788428 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 7788428 by changing the saturation by 10% instead.




 7788428

 7788428

16777215

 5946226

 11534274

 4038489

 13369310

 1803585

 15335419

 27434

 21011

 14848

 9216

 0

 7788428

 7788428

■ 6412155

■ 9230237

■ 4970347

■ 10606509

■ 3528538

■ 12048318

■ 2152266

■ 13424590

■ 775993

■ 14866399

■ 55089

■ 16242672

■ 16766975

# Harmonies

## Analogous

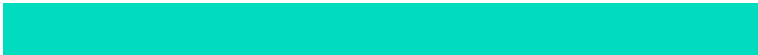
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11783528



7788428



56509

# Triad

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



7788428



6605311



16752280

# Complementary

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



7788428



14120641

# 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.



16751305



7788428



12630015

# Square

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



7788428



54783



16557560



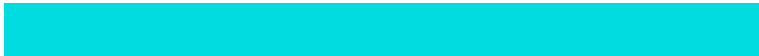
16756081

# Rectangle

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



7788428



56543



16557560



16751528

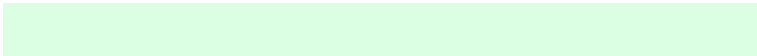


# Sweetspot

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



7788428



14417891



12769142



6979695



0



8421504



# Same Dimension

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



7788428



7733141



7788476



6318947



43815



11018



# Inverse Universe

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



14120641



16741856



14120593



7037033



11206788

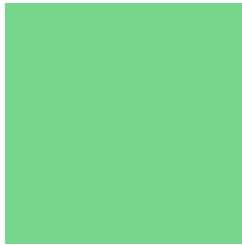


2818082



# Previews

## White Background



This preview shows how the Decimal color 7788428 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 7788428 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 7788428 Background



This preview shows how black text looks on a background with the Decimal color 7788428.



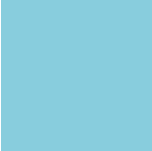
This preview shows how white text looks on a background with the Decimal color 7788428.

# 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





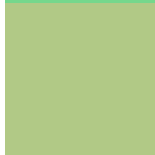
**Tritanopia**  
8965597

# Trichromacy



**Original Color**

7788428



**Protanomaly**

11651462



**Deuteranomaly**

12371344



**Tritanomaly**

8507840

# Monochromacy



**Original Color**

7788428



**Achromatopsia**

11645361



**Achromatomaly**

10272676

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7788428 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 #76D78C looks like.

```
.text, #text, p{  
    color:#76D78C  
}
```

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 #76D78C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D78C
}
```

## Border

The CSS property to change the border of an element to Decimal 7788428 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
#76D78C }
```

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

```
.border{ border-color:#76D78C }
```

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

Here you see how a box with a 4 pixel #76D78C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D78C; -webkit-box-shadow:4px 4px  
4px 4px #76D78C; box-shadow:4px 4px 4px  
4px #76D78C }
```

# Background

The CSS property to change the background color of an element to Decimal 7788428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D78C }
```

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

```
.background{ background-color:#76D78C }
```

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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