

# Converting Colors

Decimal(7962496)

Have a look what the booklet for  
Decimal(7962496) contains.

<b>Decimal(7962496)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7962496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797F80
RGB	121, 127, 128
RGB Percent	47%, 50%, 50%
CMY	0.5255, 0.5020, 0.4980
CMYK	0.05, 0.01, 0.00, 0.50
HSL	189°, 3%, 49%
HSV	189°, 5%, 50%
XYZ	19.3708, 20.8022, 23.4164
YIQ	125.3200, -3.8970, -0.9610

# Conversions

## Conversions Part 2

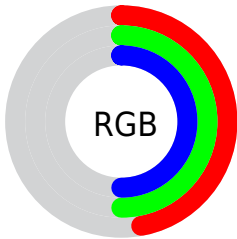
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 124, 128
Decimal	7962496
CIELab	52.73, -2.02, -1.32
CIElCh	53, 2.411, 213.236
Yxy	20.8022, 0.3046, 0.3271
Android (android.graphics.Color)	4286152576 (0xFF797F80)
YUV	125.3200, 1.3212, -3.7886
Hunter-Lab	45.6094, -4.0057, 1.4865

# Details

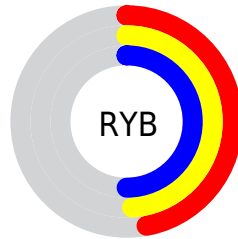
The Decimal color **7962496** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8419961**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **11383989**, and **4738639** is the 20% darker color. If you saturate the color by 10%, you get **7110016**, and if you desaturate by 10%, it is **8814976**.

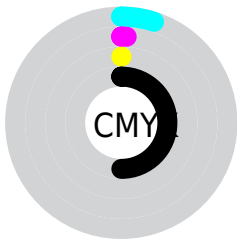
# Distribution



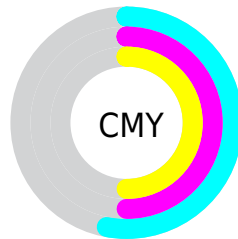
- Red (47%)
- Green (50%)
- Blue (50%)



- Red (47%)
- Yellow (49%)
- Blue (50%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7962496 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 7962496 by changing the saturation by 10% instead.



■ 7962496

■ 7962496

16777215

■ 6317671

■ 11383989

■ 4738639

■ 13225936

■ 3290936

■ 15068141

■ 1909283

■ 199693

■ 0

■ 7962496

■ 7962496

■ 7110016

■ 8814976

■ 6257536

■ 9667456

■ 5470848

■ 10454144

■ 4618368

■ 11306624

■ 3765888

■ 12159104

■ 2913408

■ 13011584

■ 2060928

■ 13864064

■ 1273984

■ 14651008

■ 421760

■ 15503232

# Harmonies

## Analogous

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



7962494



7962496



8028033

# Triad

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



7962496



8486272



8355450

# Complementary

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



7962496



8419961

# 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.



8486266



7962496



8551550

# Square

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



7962496



8355201



8551804



8224378

# Rectangle

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



7962496



8093314



8551804



8420986



# Sweetspot

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



7962496



10659238



7962746



5395540



13948116



5526612



# Same Dimension

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



7962496



10134694



7961728



3882816



28032



0



# Inverse Universe

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



8419711



10918564



8420729



4209471



8388717



0



# Previews

## White Background



This preview shows how the Decimal color 7962496 looks on a white background.

## Color Contrast Check

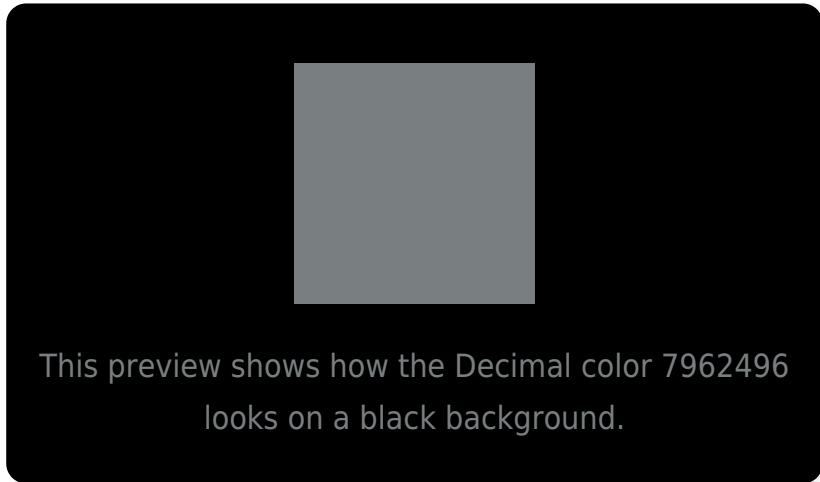
Large Text (above 18pt) WCAG AA ✓ Pass

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

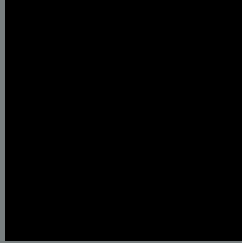
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

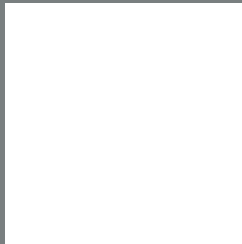
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7962496 Background



This preview shows how black text looks on a background with the Decimal color 7962496.



This preview shows how white text looks on a background with the Decimal color 7962496.

# 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**

7962496

**Protanopia**

8420735

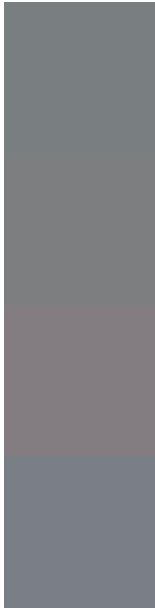
**Deuteranopia**

8944257



**Tritanopia**  
8027784

# Trichromacy



**Original Color**

7962496

**Protanomaly**

8224383

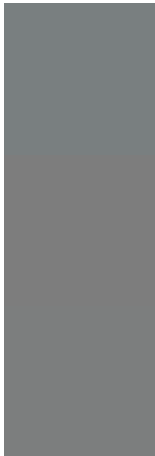
**Deuteranomaly**

8617089

**Tritanomaly**

8027781

# Monochromacy



**Original Color**

7962496

**Achromatopsia**

8224125

**Achromatomaly**

8158846

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7962496 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 #797F80 looks like.

```
.text, #text, p{  
    color:#797F80  
}
```

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 #797F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797F80
}
```

## Border

The CSS property to change the border of an element to Decimal 7962496 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
#797F80 }
```

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

```
.border{ border-color:#797F80 }
```

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

Here you see how a box with a 4 pixel #797F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797F80; -webkit-box-shadow:4px 4px  
4px 4px #797F80; box-shadow:4px 4px 4px  
4px #797F80 }
```

# Background

The CSS property to change the background color of an element to Decimal 7962496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797F80 }
```

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

```
.background{ background-color:#797F80 }
```

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