

# Converting Colors

Decimal(7829610)

Have a look what the booklet for  
Decimal(7829610) contains.

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# Color

**Decimal(7829610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77786A
RGB	119, 120, 106
RGB Percent	47%, 47%, 42%
CMY	0.5333, 0.5294, 0.5843
CMYK	0.01, 0.00, 0.12, 0.53
HSL	64°, 6%, 44%
HSV	64°, 12%, 47%
XYZ	16.9257, 18.3955, 16.2943
YIQ	118.1050, 3.8980, -4.5660

# Conversions

## Conversions Part 2

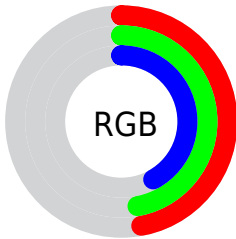
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 120, 107
Decimal	7829610
CIE Lab	49.97, -3.06, 7.56
CIE LCh	50, 8.159, 112.038
Yxy	18.3955, 0.3279, 0.3564
Android (android.graphics.Color)	4286019690 (0xFF77786A)
YUV	118.1050, -5.9678, 0.7849
Hunter-Lab	42.8900, -4.6157, 7.4982

# Details

The Decimal color **7829610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7039608**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **11250845**, and **4671547** is the 20% darker color. If you saturate the color by 10%, you get **7764062**, and if you desaturate by 10%, it is **7895158**.

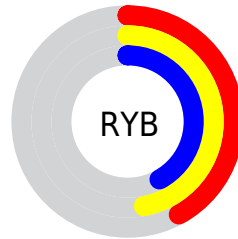
# Distribution



Red (47%)

Green (47%)

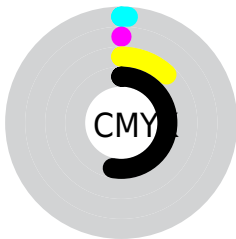
Blue (42%)



Red (42%)

Yellow (47%)

Blue (42%)

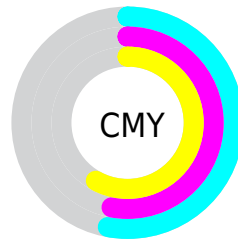


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7829610 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 7829610 by changing the saturation by 10% instead.



■ 7829610

■ 7829610

16777215

■ 6184786

■ 11250845

■ 4671547

■ 13093048

■ 3158309

■ 14935252

■ 1776656

■ 16777200

■ 0

■ 7829610

■ 7829610

■ 7764062

■ 7895158

■ 7698514

■ 7960706

■ 7632966

■ 8026254

■ 7632954

■ 8026266

■ 7567406

■ 8091814

■ 7501858

■ 8157362

■ 7436310

■ 8222910

■ 7370762

■ 8288458

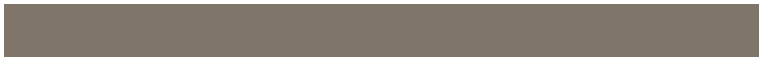
■ 7305216

■ 8354006

# Harmonies

## Analogous

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



8353385



7829610



7305838

# Triad

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



7829610



6781570



8680057

# Complementary

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



7829610



7039608

# 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.



8287359



7829610



7174276

# Square

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



7829610



6716284



7763588



8811122

# Rectangle

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



7829610



6978418



7763588



8549243



# Sweetspot

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



7829610



10198165



7891818



5197643



13619151



5197647



# Same Dimension

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



7829610



10132614



7370858



4013367



7634176



15399936



# Inverse Universe

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



7039608



8881820



7498360



3684157



589949

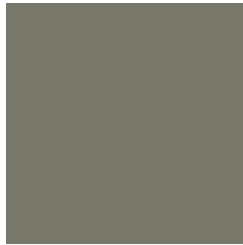


1179900



# Previews

## White Background



This preview shows how the Decimal color 7829610 looks on a white background.

## Color Contrast Check

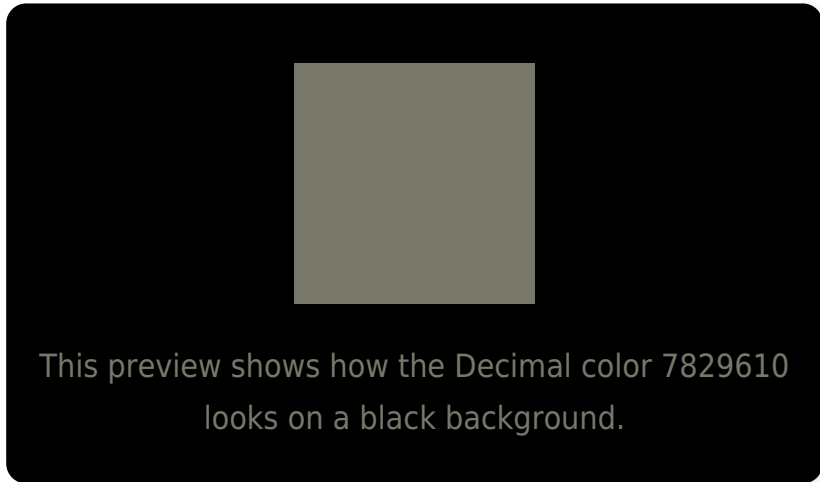
Large Text (above 18pt) WCAG AA ✓ Pass

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

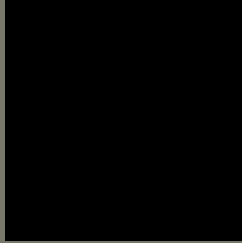
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7829610 Background



This preview shows how black text looks on a background with the Decimal color 7829610.



This preview shows how white text looks on a background with the Decimal color 7829610.

# 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**  
7829610

**Protanopia**  
8156777

**Deuteranopia**  
8876907



**Tritanopia**  
8025470

# Trichromacy



**Original Color**  
7829610

**Protanomaly**  
8025961

**Deuteranomaly**  
8484203

**Tritanomaly**  
7960183

# Monochromacy



**Original Color**  
7829610

**Achromatopsia**  
7763574

**Achromatomaly**  
7763826

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7829610 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 #77786A looks like.

```
.text, #text, p{  
  color:#77786A  
}
```

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 #77786A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77786A
}
```

## Border

The CSS property to change the border of an element to Decimal 7829610 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
#77786A }
```

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

```
.border{ border-color:#77786A }
```

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

Here you see how a box with a 4 pixel #77786A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77786A; -webkit-box-shadow:4px 4px  
4px 4px #77786A; box-shadow:4px 4px 4px  
4px #77786A }
```

# Background

The CSS property to change the background color of an element to Decimal 7829610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77786A }
```

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

```
.background{ background-color:#77786A }
```

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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