

# Converting Colors

Hex(787010)

Have a look what the booklet for  
Hex(787010) contains.

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**Color**

**Hex(787010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	787010
RGB	120, 112, 16
RGB Percent	47%, 44%, 6%
CMY	0.5294, 0.5608, 0.9373
CMYK	0.00, 0.07, 0.87, 0.53
HSL	55°, 76%, 27%
HSV	55°, 87%, 47%
XYZ	13.6334, 15.6188, 2.7864
YIQ	103.4480, 35.5840, -28.1600

# Conversions

## Conversions Part 2

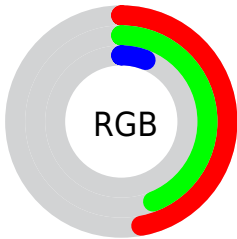
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 120, 16
Decimal	7893008
CIELab	46.47, -7.54, 48.77
CIELCh	46, 49.349, 98.783
Yxy	15.6188, 0.4255, 0.4875
Android (android.graphics.Color)	4286083088 (0xFF787010)
YUV	103.4480, -43.1119, 14.5161
Hunter-Lab	39.5207, -7.5841, 23.4842

# Details

The Hex color **787010** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **101878**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AFA346**, and **444100** is the 20% darker color. If you saturate the color by 10%, you get **786F04**, and if you desaturate by 10%, it is **78711C**.

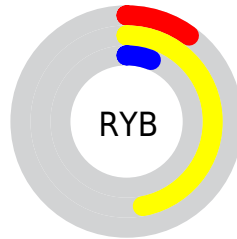
# Distribution



Red (47%)

Green (44%)

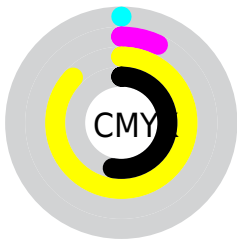
Blue (6%)



Red (10%)

Yellow (47%)

Blue (6%)

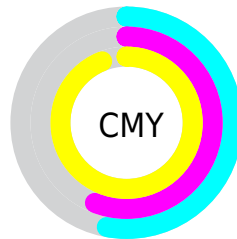


Cyan (0%)

Magenta (7%)

Yellow (87%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787010 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 Hex color 787010 by changing the saturation by 10% instead.



 787010

 787010

FFFFFF

 5D5800

 AFA346

 444100

 CCBE60

 2A2B00

 E9DA7A

 101700

 FFF795

 000000

 FFFF80

 FFFFCC

 FFFF99

 787010

 787010

■ 786F04

■ 78711C

■ 786F00

■ 787228

■ 787334

■ 787440

■ 78754C

■ 787658

■ 787664

■ 787770

■ 78787C

# Harmonies

## Analogous

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



9B611D



787010



4B7A28

# Triad

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



787010



0080A1



A94D8D

# Complementary

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



787010



101878

# 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.



805EAF



787010



007BBB

# Square

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



787010



008279



296FC0



B94664

# Rectangle

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



787010



1B7E41



296FC0



9E529A



# Sweetspot

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



787010



9C9873



781019



4F4D37



CFCFCF



4F4F4F



# Same Dimension

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



787010



9C9000



4D7810



3D3D37



7D7300



FCE900



# Inverse Universe

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



101878



000C9C



3B1078



37383D



000A7D



0013FC



# Previews

## White Background



This preview shows how the Hex color 787010 looks on a white background.

## Color Contrast Check

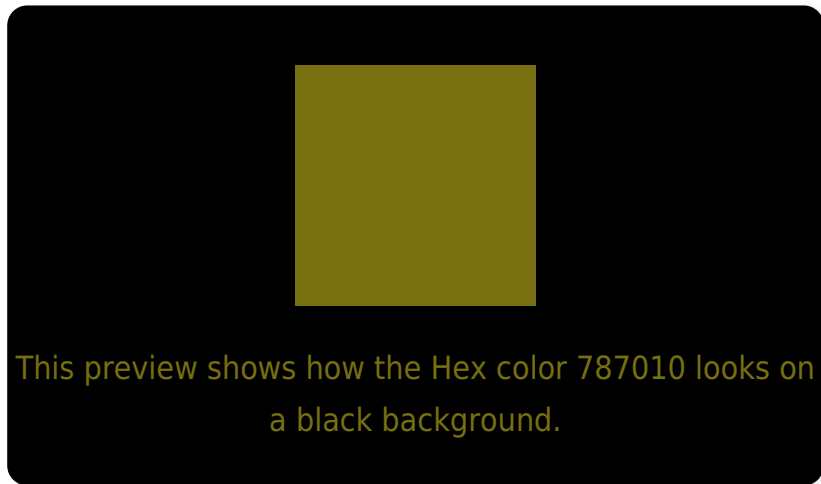
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 787010 Background



This preview shows how black text looks on a background with the Hex color 787010.



This preview shows how white text looks on a background with the Hex color 787010.

# 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**  
787010

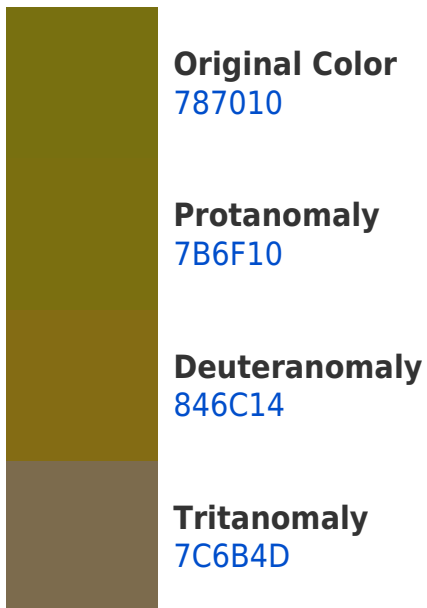
**Protanopia**  
7C6F10

**Deuteranopia**  
8B6916

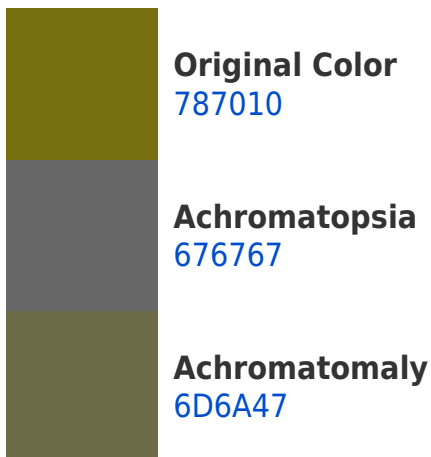


**Tritanopia**  
7F6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787010 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 #787010 looks like.

```
.text, #text, p{  
    color:#787010  
}
```

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 #787010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787010
}
```

## Border

The CSS property to change the border of an element to Hex 787010 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
#787010 }
```

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

```
.border{ border-color:#787010 }
```

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

Here you see how a box with a 4 pixel #787010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787010; -webkit-box-shadow:4px 4px  
4px 4px #787010; box-shadow:4px 4px 4px  
4px #787010 }
```

# Background

The CSS property to change the background color of an element to Hex 787010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787010 }
```

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

```
.background{ background-color:#787010 }
```

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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