

# Converting Colors

Hex(727810)

Have a look what the booklet for  
Hex(727810) contains.

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**Color**

**Hex(727810)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 727810                      |
| RGB         | 114, 120, 16                |
| RGB Percent | 45%, 47%, 6%                |
| CMY         | 0.5529, 0.5294, 0.9373      |
| CMYK        | 0.05, 0.00, 0.87, 0.53      |
| HSL         | 63°, 76%, 27%               |
| HSV         | 63°, 87%, 47%               |
| XYZ         | 13.7494, 17.0478, 3.0561    |
| YIQ         | 106.3500, 29.8080, -33.6160 |

# Conversions

## Conversions Part 2

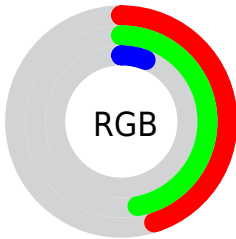
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 16, 120, 22                   |
| Decimal                             | 7501840                       |
| CIELab                              | 48.32, -14.77, 50.12          |
| CIELCh                              | 48, 52.247, 106.420           |
| Yxy                                 | 17.0478, 0.4061,<br>0.5036    |
| Android<br>(android.graphics.Color) | 4285691920<br>(0xFF727810)    |
| YUV                                 | 106.3500, -44.5425,<br>6.7091 |
| Hunter-Lab                          | 41.2889, -12.8142,<br>24.5138 |

# Details

The Hex color **727810** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **161078**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A9AC48**, and **3F4800** is the 20% darker color. If you saturate the color by 10%, you get **717804**, and if you desaturate by 10%, it is **73781C**.

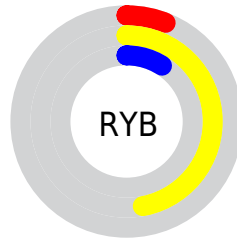
# Distribution



Red (45%)

Green (47%)

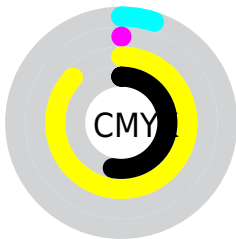
Blue (6%)



Red (6%)

Yellow (47%)

Blue (9%)

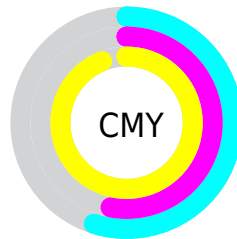


Cyan (5%)

Magenta (0%)

Yellow (87%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727810 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 727810 by changing the saturation by 10% instead.



 727810

 727810

FFFFFF

 585F00

 A9AC48

 3F4800

 C5C761

 253100

 E2E37C

 081D00

 FFFF97

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 727810

 727810

717804

73781C

717800

737828

747834

757840

75784C

767858

777864

787870

78787C

# Harmonies

## Analogous

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



9A6913



727810



3E8132

# Triad

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



727810



0085B2



B84B89

# Complementary

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



727810



161078

# 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.



935CB0



727810



007DC9

# Square

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



727810



00888A



4A6FC8



C2495C

# Rectangle

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



727810



00854D



4A6FC8



AF5097



# Sweetspot

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



727810



999C73



781510



4E4F37



CFCFCF



4F4F4F



# Same Dimension

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



727810



939C00



3F7810



3D3D37



767D00



EEFC00



# Inverse Universe

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



161078



09009C



491078



37373D



07007D



0F00FC



# Previews

## White Background



This preview shows how the Hex color 727810 looks on a white background.

## Color Contrast Check

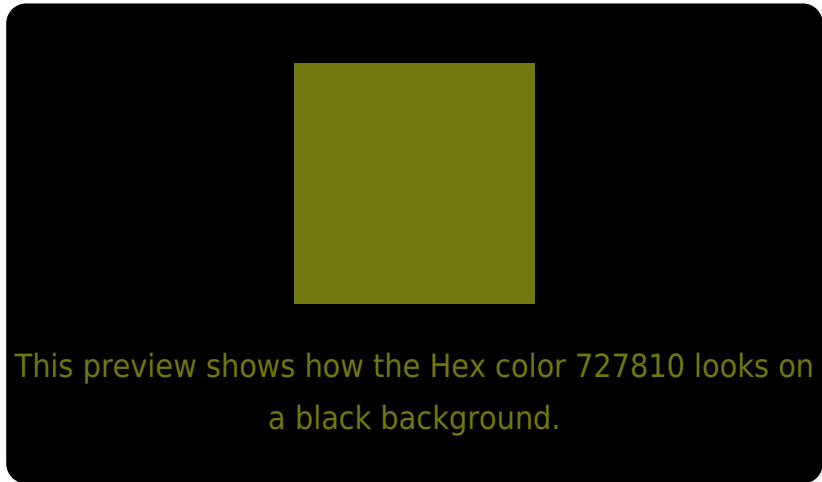
Large Text (above 18pt) WCAG AA ✓ Pass

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 727810 Background



This preview shows how black text looks on a background with the Hex color 727810.



This preview shows how white text looks on a background with the Hex color 727810.

# 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](#).

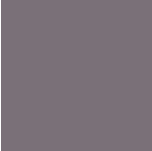
## Dichromacy



**Original Color**  
727810

**Protanopia**  
81730E

**Deuteranopia**  
906D18



**Tritanopia**  
7A7078

# Trichromacy



**Original Color**  
727810

**Protanomaly**  
7C750F

**Deuteranomaly**  
857115

**Tritanomaly**  
777352

# Monochromacy



**Original Color**  
727810

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6D6F49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727810 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 #727810 looks like.

```
.text, #text, p{  
    color:#727810  
}
```

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 #727810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727810
}
```

## Border

The CSS property to change the border of an element to Hex 727810 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
#727810 }
```

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

```
.border{ border-color:#727810 }
```

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

Here you see how a box with a 4 pixel #727810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727810; -webkit-box-shadow:4px 4px  
4px 4px #727810; box-shadow:4px 4px 4px  
4px #727810 }
```

# Background

The CSS property to change the background color of an element to Hex 727810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727810 }
```

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

```
.background{ background-color:#727810 }
```

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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