

Converting Colors

Hex(727711)

Have a look what the booklet for
Hex(727711) contains.

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Color

Hex(727711)

Conversions

Conversions Part 1

Format	Color
Hex	727711
RGB	114, 119, 17
RGB Percent	45%, 47%, 7%
CMY	0.5529, 0.5333, 0.9333
CMYK	0.04, 0.00, 0.86, 0.53
HSL	63°, 75%, 27%
HSV	63°, 86%, 47%
XYZ	13.6374, 16.8115, 3.0565
YIQ	105.8770, 29.7620, -32.7820

Conversions

Conversions Part 2

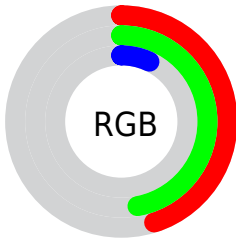
Format	Color
R_YB	17, 119, 22
Decimal	7501585
CIE Lab	48.02, -14.20, 49.60
CIE LCh	48, 51.591, 105.973
Yxy	16.8115, 0.4070, 0.5018
Android (android.graphics.Color)	4285691665 (0xFF727711)
YUV	105.8770, -43.8164, 7.1239
Hunter-Lab	41.0019, -12.3832, 24.2815

Details

The Hex color **727711** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **161177**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A9AB48**, and **3F4700** is the 20% darker color. If you saturate the color by 10%, you get **717705**, and if you desaturate by 10%, it is **73771D**.

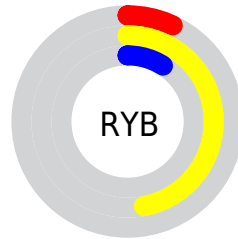
Distribution



Red (45%)

Green (47%)

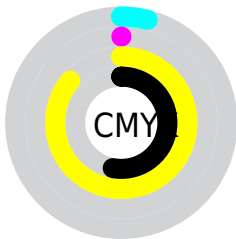
Blue (7%)



Red (7%)

Yellow (47%)

Blue (9%)

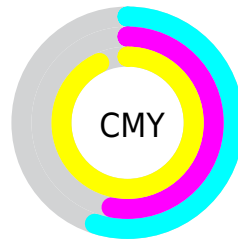


Cyan (4%)

Magenta (0%)

Yellow (86%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 727711 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 727711 by changing the saturation by 10% instead.

 727711

 727711

FFFFFF

 585E00


 A9AB48

 3F4700

 C5C662

 253100

 E2E27C

 081C00

 FFFF97

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 727711

 727711

■ 717705

■ 73771D

■ 717700

■ 737729

■ 747735

■ 747741

■ 75774C

■ 767758

■ 767764

■ 777770

■ 77777C

Harmonies

Analogous

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



996815



727711



3F8031

Triad

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



727711



0084B0



B64B88

Complementary

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



727711



161177

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.



925CAF



727711



007DC6

Square

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



727711



008789



486FC6



C1495D

Rectangle

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



727711



00844D



486FC6



AD5096

Sweetspot

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



727711



9A9C73



771411



4E4F37



CFCFCF



4F4F4F

Same Dimension

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



727711



949C00



417711



3A3B35



747A00



EEFA00

Inverse Universe

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



161177



08009C



471177



35353B



06007A



0C00FA

Previews

White Background



This preview shows how the Hex color 727711 looks on a white background.

Color Contrast Check

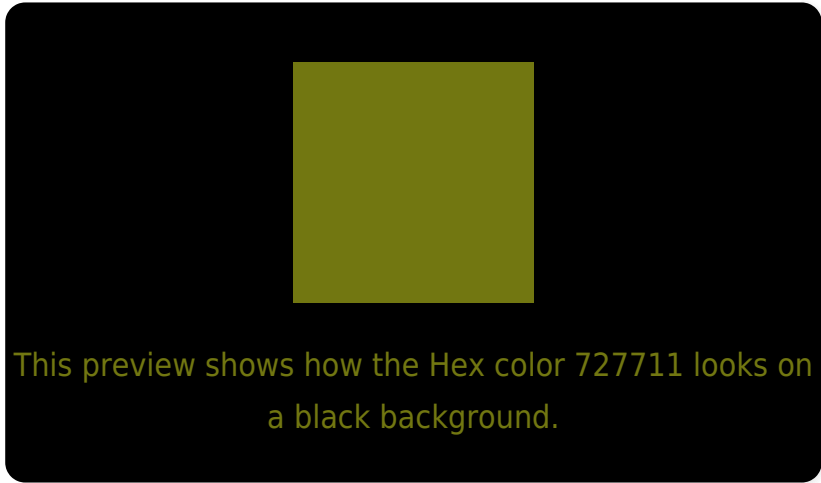
Large Text (above 18pt) WCAG AA ✓ Pass

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

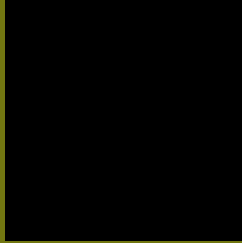
Any Text WCAG AA × Fail

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 727711 Background



This preview shows how black text looks on a background with the Hex color 727711.



This preview shows how white text looks on a background with the Hex color 727711.

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
727711

Protanopia
807210

Deuteranopia
906C19



Tritanopia
7A6F77

Trichromacy



Original Color
727711

Protanomaly
7B7410

Deuteranomaly
857016

Tritanomaly
777252

Monochromacy



Original Color
727711

Achromatopsia
6A6A6A

Achromatomaly
6D6F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 727711 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 #727711 looks like.

```
.text, #text, p{  
    color:#727711  
}
```

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 #727711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727711
}
```

Border

The CSS property to change the border of an element to Hex 727711 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
#727711 }
```

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

```
.border{ border-color:#727711 }
```

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

Here you see how a box with a 4 pixel #727711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727711; -webkit-box-shadow:4px 4px  
4px 4px #727711; box-shadow:4px 4px 4px  
4px #727711 }
```

Background

The CSS property to change the background color of an element to Hex 727711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727711 }
```

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

```
.background{ background-color:#727711 }
```

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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