

Converting Colors

Hex(727C03)

Have a look what the booklet for
Hex(727C03) contains.

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Color

Hex(727C03)

Conversions

Conversions Part 1

Format	Color
Hex	727C03
RGB	114, 124, 3
RGB Percent	45%, 49%, 1%
CMY	0.5529, 0.5137, 0.9882
CMYK	0.08, 0.00, 0.98, 0.51
HSL	65°, 95%, 25%
HSV	65°, 98%, 49%
XYZ	14.1635, 17.9993, 2.8139
YIQ	107.2160, 32.8810, -39.7510

Conversions

Conversions Part 2

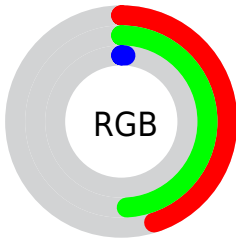
Format	Color
RYB	3, 124, 13
Decimal	7502851
CIELab	49.50, -17.22, 53.79
CIElCh	49, 56.483, 107.755
Yxy	17.9993, 0.4049, 0.5146
Android (android.graphics.Color)	4285692931 (0xFF727C03)
YUV	107.2160, -51.3785, 5.9496
Hunter-Lab	42.4256, -14.6536, 25.7655

Details

The Hex color **727C03** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D037C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A9B042**, and **3E4B00** is the 20% darker color. If you saturate the color by 10%, you get **727C00**, and if you desaturate by 10%, it is **737C0F**.

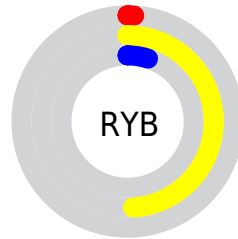
Distribution



Red (45%)

Green (49%)

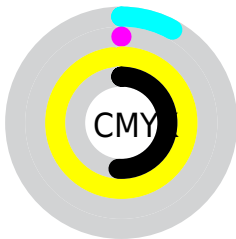
Blue (1%)



Red (1%)

Yellow (49%)

Blue (5%)

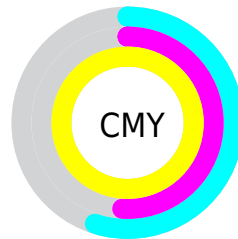


Cyan (8%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 727C03 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 727C03 by changing the saturation by 10% instead.

 727C03

 727C03

FFFFFF

 576300

 A9B042

 3E4B00

 C6CC5C

 243500

 E3E877

 082000

 FFFF92

 000000

 FFFFAE

 FFFFCA

 FFFF E6

 727C03

 727C03

■ 727C00

■ 737C0F

■ 747C1C

■ 757C28

■ 767C35

■ 777C41

■ 787C4D

■ 797C5A

■ 7A7C66

■ 7B7C73

Harmonies

Analogous

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



9D6C06



727C03



368630

Triad

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



727C03



0089BC



C2488B

Complementary

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



727C03



0D037C

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.



9B5CB7



727C03



0081D4

Square

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



727C03



008C92



4B71D2



CB475B

Rectangle

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



727C03



008A4F



4B71D2



B84E9B

Sweetspot

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



727C03



9DA172



7C0B03



4F5235



D1D1D1



525252

Same Dimension

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



727C03



93A100



377C03



3D3D37



737D00



E8FC00

Inverse Universe

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



0D037C



0D00A1



48037C



38373D



0A007D



1500FC

Previews

White Background



This preview shows how the Hex color 727C03 looks on a white background.

Color Contrast Check

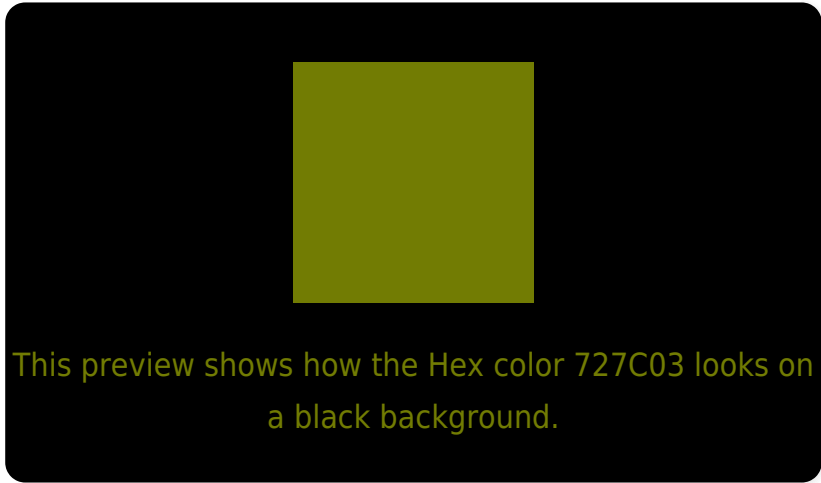
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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](#).

Hex 727C03 Background



This preview shows how black text looks on a background with the Hex color 727C03.



This preview shows how white text looks on a background with the Hex color 727C03.

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
727C03

Protanopia
857600

Deuteranopia
947014



Tritanopia
7B737C

Trichromacy



Original Color
727C03

Protanomaly
7E7801

Deuteranomaly
88740E

Tritanomaly
787650

Monochromacy



Original Color
727C03

Achromatopsia
6B6B6B

Achromatomaly
6E7145

CSS Examples

Text

The CSS property to change the color of the text to Hex 727C03 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 #727C03 looks like.

```
.text, #text, p{  
    color:#727C03  
}
```

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 #727C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727C03
}
```

Border

The CSS property to change the border of an element to Hex 727C03 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
#727C03 }
```

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

```
.border{ border-color:#727C03 }
```

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

Here you see how a box with a 4 pixel #727C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727C03; -webkit-box-shadow:4px 4px  
4px 4px #727C03; box-shadow:4px 4px 4px  
4px #727C03 }
```

Background

The CSS property to change the background color of an element to Hex 727C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727C03 }
```

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

```
.background{ background-color:#727C03 }
```

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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