

Converting Colors

Hex(727B5A)

Have a look what the booklet for
Hex(727B5A) contains.

Hex(727B5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(727B5A)

Conversions

Conversions Part 1

Format	Color
Hex	727B5A
RGB	114, 123, 90
RGB Percent	45%, 48%, 35%
CMY	0.5529, 0.5176, 0.6471
CMYK	0.07, 0.00, 0.27, 0.52
HSL	76°, 15%, 42%
HSV	76°, 27%, 48%
XYZ	15.8679, 18.4815, 12.4038
YIQ	116.5470, 5.2290, -12.1710

Conversions

Conversions Part 2

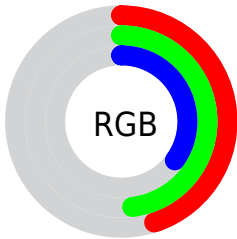
Format	Color
R_{YB}	90, 123, 99
Decimal	7502682
CIE _{Lab}	50.07, -9.49, 16.97
CIE _{LCh}	50, 19.443, 119.218
Yxy	18.4815, 0.3394, 0.3953
Android (android.graphics.Color)	4285692762 (0xFF727B5A)
YUV	116.5470, -13.0877, -2.2337
Hunter-Lab	42.9901, -9.3476, 12.9863

Details

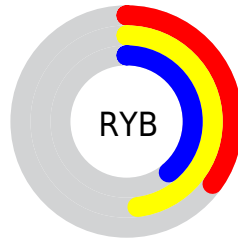
The Hex color **727B5A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **635A7B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A6AF8C**, and **424A2C** is the 20% darker color. If you saturate the color by 10%, you get **6F7B4E**, and if you desaturate by 10%, it is **757B66**.

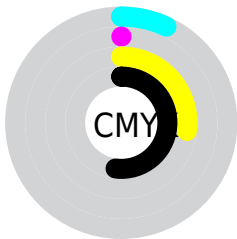
Distribution



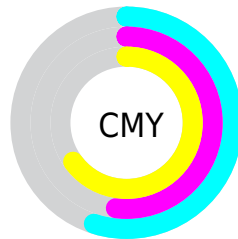
- Red (45%)
- Green (48%)
- Blue (35%)



- Red (35%)
- Yellow (48%)
- Blue (39%)



- Cyan (7%)
- Magenta (0%)
- Yellow (27%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 727B5A 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 727B5A by changing the saturation by 10% instead.



727B5A



727B5A

FFFFFF



596242



A6AF8C



424A2C



C1CBA7



2B3417



DDE7C2



181E00



FAFFDE



000100



FFFFFFB



000000



727B5A



727B5A



6F7B4E



757B66



6B7B41



797B73

687B35

7C7B7F

657B29

7F7B8B

617B1C

837B98

5E7B10

867BA4

5B7B04

897BB0

597B00

8D7BBC

907BC9

Harmonies

Analogous

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



847656



727B5A



5F7F66

Triad

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



727B5A



4E7D93



976B78

Complementary

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



727B5A



635A7B

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.



8C6E88



727B5A



627998

Square

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



727B5A



468087



797394



986C68

Rectangle

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



727B5A



538070



797394



946C7E

Sweetspot

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



727B5A



9DA194



7B635A



4F5249



D1D1D1



525252

Same Dimension

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



727B5A



93A16D



627B5A



3C3D37



5B7D00



B8FC00

Inverse Universe

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



635A7B



7B6DA1



735A7B



39373D



22007D



4500FC

Previews

White Background



This preview shows how the Hex color 727B5A looks on a white background.

Color Contrast Check

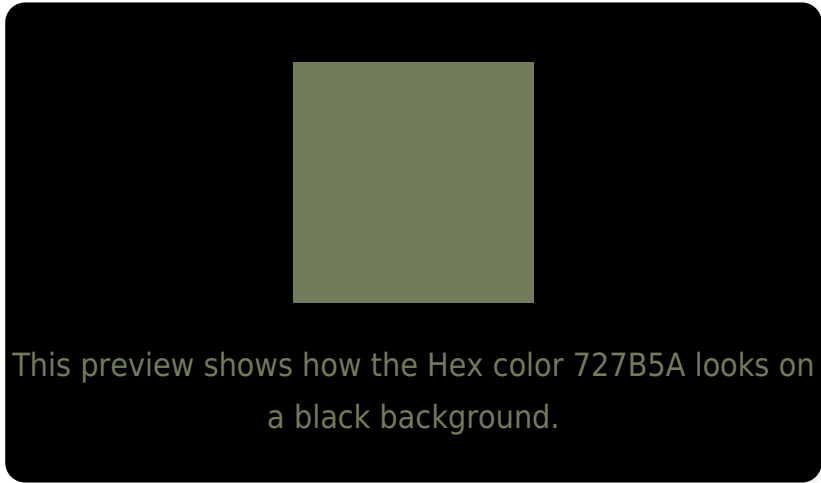
Large Text (above 18pt) WCAG AA ✓ Pass

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

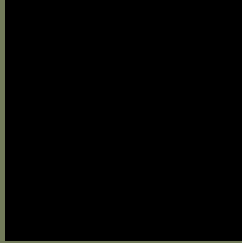
Any Text WCAG AA ✓ Pass

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](#).

Hex 727B5A Background



This preview shows how black text looks on a background with the Hex color 727B5A.



This preview shows how white text looks on a background with the Hex color 727B5A.

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
727B5A

Protanopia
807758

Deuteranopia
8C725C



Tritanopia
77767F

Trichromacy



Original Color
727B5A

Protanomaly
7B7859

Deuteranomaly
83755B

Tritanomaly
757872

Monochromacy



Original Color
727B5A

Achromatopsia
757575

Achromatomaly
74776B

CSS Examples

Text

The CSS property to change the color of the text to Hex 727B5A 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 #727B5A looks like.

```
.text, #text, p{  
    color:#727B5A  
}
```

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 #727B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727B5A
}
```

Border

The CSS property to change the border of an element to Hex 727B5A 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
#727B5A }
```

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

```
.border{ border-color:#727B5A }
```

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

Here you see how a box with a 4 pixel #727B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727B5A; -webkit-box-shadow:4px 4px  
4px 4px #727B5A; box-shadow:4px 4px 4px  
4px #727B5A }
```

Background

The CSS property to change the background color of an element to Hex 727B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727B5A }
```

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

```
.background{ background-color:#727B5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor