

Converting Colors

Hex(728442)

Have a look what the booklet for
Hex(728442) contains.

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Color

Hex(728442)

Conversions

Conversions Part 1

Format	Color
Hex	728442
RGB	114, 132, 66
RGB Percent	45%, 52%, 26%
CMY	0.5529, 0.4824, 0.7412
CMYK	0.14, 0.00, 0.50, 0.48
HSL	76°, 33%, 39%
HSV	76°, 50%, 52%
XYZ	16.1741, 20.4733, 8.2535
YIQ	119.0940, 10.4580, -24.3420

Conversions

Conversions Part 2

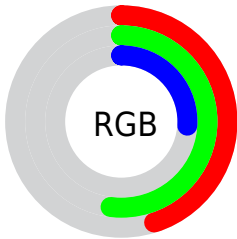
Format	Color
RYB	66, 132, 84
Decimal	7504962
CIELab	52.37, -17.62, 33.23
CIELCh	52, 37.613, 117.926
Yxy	20.4733, 0.3602, 0.4560
Android (android.graphics.Color)	4285695042 (0xFF728442)
YUV	119.0940, -26.1753, -4.4674
Hunter-Lab	45.2474, -15.3767, 20.8582

Details

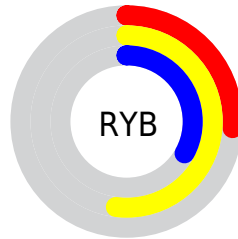
The Hex color **728442** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **544284**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A7B974**, and **405313** is the 20% darker color. If you saturate the color by 10%, you get **6E8435**, and if you desaturate by 10%, it is **76844F**.

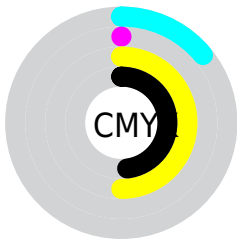
Distribution



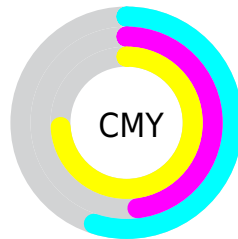
- Red (45%)
- Green (52%)
- Blue (26%)



- Red (26%)
- Yellow (52%)
- Blue (33%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728442 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 728442 by changing the saturation by 10% instead.



728442



728442

FFFFFF



596B2A



A7B974



405313



C3D58E



293B00



DFF1A8



112600



FCFFC4



000F00



FFFFE0



000000

FFFFFFD



728442



728442



6E8435



76844F

■ 6B8428

■ 79845C

■ 67841A

■ 7D846A

■ 64840D

■ 808477

■ 608400

■ 848484

■ 888491

■ 8B849E

■ 8F84AC

■ 9284B9

Harmonies

Analogous

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



927A3B



728442



4A8A59

Triad

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



728442



0089B3



B76280

Complementary

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



728442



544284

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.



A369A0



728442



4181BD

Square

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



728442



008D9A



7C75B6



B96560

Rectangle

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



728442



248D6E



7C75B6



B2648B

Sweetspot

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



728442



A4AB91



845442



525747



D6D6D6



575757

Same Dimension

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



728442



8FAB44



518442



40423C



5F8200



020300

Inverse Universe

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



544284



6044AB



754284



3D3C42



230082



010003

Previews

White Background



This preview shows how the Hex color 728442 looks on a white background.

Color Contrast Check

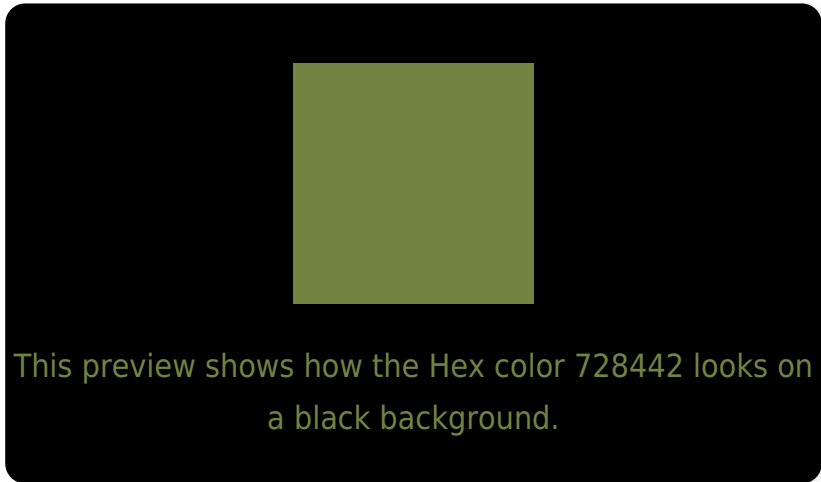
Large Text (above 18pt) WCAG AA ✓ Pass

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

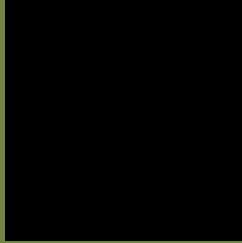
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

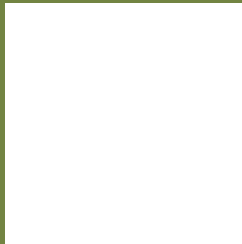
Any Text WCAG AAA × Fail

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

Hex 728442 Background



This preview shows how black text looks on a background with the Hex color 728442.



This preview shows how white text looks on a background with the Hex color 728442.

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
728442

Protanopia
8A7D40

Deuteranopia
987745



Tritanopia
7A7C86

Trichromacy



Original Color
728442

Protanomaly
818041

Deuteranomaly
8A7C44

Tritanomaly
777F6D

Monochromacy



Original Color
728442

Achromatopsia
777777

Achromatomaly
757C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 728442 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 #728442 looks like.

```
.text, #text, p{  
    color:#728442  
}
```

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 #728442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728442
}
```

Border

The CSS property to change the border of an element to Hex 728442 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
#728442 }
```

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

```
.border{ border-color:#728442 }
```

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

Here you see how a box with a 4 pixel #728442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728442; -webkit-box-shadow:4px 4px  
4px 4px #728442; box-shadow:4px 4px 4px  
4px #728442 }
```

Background

The CSS property to change the background color of an element to Hex 728442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728442 }
```

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

```
.background{ background-color:#728442 }
```

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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