

Converting Colors

Hex(748402)

Have a look what the booklet for
Hex(748402) contains.

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Color

Hex(748402)

Conversions

Conversions Part 1

Format	Color
Hex	748402
RGB	116, 132, 2
RGB Percent	45%, 52%, 1%
CMY	0.5451, 0.4824, 0.9922
CMYK	0.12, 0.00, 0.98, 0.48
HSL	67°, 97%, 26%
HSV	67°, 98%, 52%
XYZ	15.4647, 20.2199, 3.1452
YIQ	112.3960, 32.1940, -43.8220

Conversions

Conversions Part 2

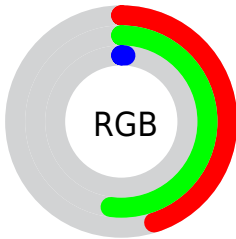
Format	Color
R_{YB}	2, 132, 18
Decimal	7635970
CIE Lab	52.08, -20.51, 56.02
CIE LCh	52, 59.657, 110.105
Yxy	20.2199, 0.3983, 0.5207
Android (android.graphics.Color)	4285826050 (0xFF748402)
YUV	112.3960, -54.4252, 3.1607
Hunter-Lab	44.9666, -17.3026, 27.3295

Details

The Hex color **748402** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **120284**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **ABB944**, and **405300** is the 20% darker color. If you saturate the color by 10%, you get **748400**, and if you desaturate by 10%, it is **76840F**.

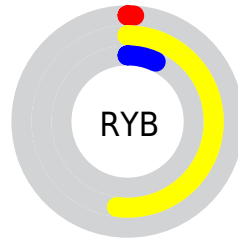
Distribution



Red (45%)

Green (52%)

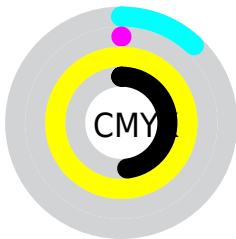
Blue (1%)



Red (1%)

Yellow (52%)

Blue (7%)

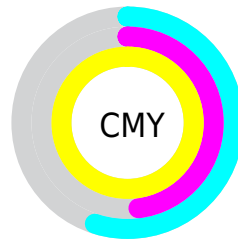


Cyan (12%)

Magenta (0%)

Yellow (98%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748402 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 748402 by changing the saturation by 10% instead.



748402



748402

FFFFFF



596B00



ABB944



405300



C8D55E



253C00



E5F179



0A2600



FFFF94



000E00



FFFFB0



000000



FFFACC



FFFEE9



748402



748402

■ 748400

■ 76840F

■ 77841C

■ 79842A

■ 7A8437

■ 7C8444

■ 7E8451

■ 7F845E

■ 81846C

■ 838479

Harmonies

Analogous

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



A37400



748402



308E36

Triad

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



748402



0091CA



CF4A8F

Complementary

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



748402



120284

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.



A95EBE



748402



0087E1

Square

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



748402



00949E



5876DD



D74B5C

Rectangle

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



748402



009257



5876DD



C650A0

Sweetspot

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



748402



A5AB78



841102



535737



D6D6D6



575757

Same Dimension

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



748402



96AB00



348402



41423C



728200



020300

Inverse Universe

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



120284



1500AB



520284



3C3C42



100082



000003

Previews

White Background



This preview shows how the Hex color 748402 looks on a white background.

Color Contrast Check

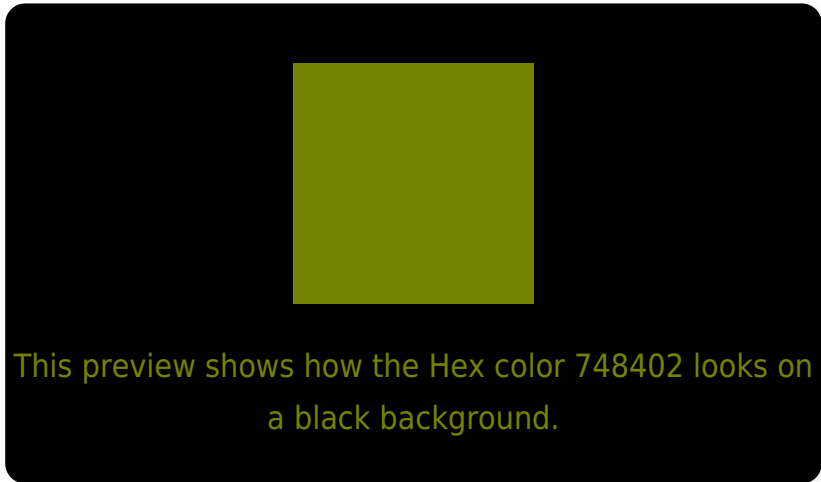
Large Text (above 18pt) WCAG AA ✓ Pass

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

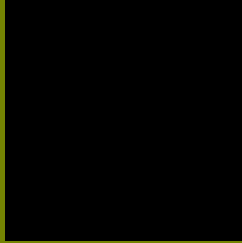
Any Text WCAG AA ✓ Pass

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 748402 Background



This preview shows how black text looks on a background with the Hex color 748402.



This preview shows how white text looks on a background with the Hex color 748402.

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
748402

Protanopia
8C7C00

Deuteranopia
9D7616



Tritanopia
7E7B84

Trichromacy



Original Color

748402

Protanomaly

837F01

Deuteranomaly

8E7B0F

Tritanomaly

7A7E55

Monochromacy



Original Color

748402

Achromatopsia

707070

Achromatomaly

717748

CSS Examples

Text

The CSS property to change the color of the text to Hex 748402 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 #748402 looks like.

```
.text, #text, p{  
    color:#748402  
}
```

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 #748402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748402
}
```

Border

The CSS property to change the border of an element to Hex 748402 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
#748402 }
```

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

```
.border{ border-color:#748402 }
```

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

Here you see how a box with a 4 pixel #748402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748402; -webkit-box-shadow:4px 4px  
4px 4px #748402; box-shadow:4px 4px 4px  
4px #748402 }
```

Background

The CSS property to change the background color of an element to Hex 748402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748402 }
```

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

```
.background{ background-color:#748402 }
```

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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