

Converting Colors

Hex(728A00)

Have a look what the booklet for
Hex(728A00) contains.

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Color

Hex(728A00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 728A00 |
| RGB | 114, 138, 0 |
| RGB Percent | 45%, 54%, 0% |
| CMY | 0.5529, 0.4588, 1.0000 |
| CMYK | 0.17, 0.00, 1.00, 0.46 |
| HSL | 70°, 100%, 27% |
| HSV | 70°, 100%, 54% |
| XYZ | 16.0279, 21.7544, 3.3543 |
| YIQ | 115.0920, 29.9940, -48.0060 |

Conversions

Conversions Part 2

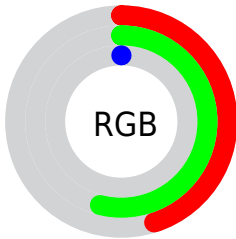
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 138, 24 |
| Decimal | 7506432 |
| CIELab | 53.77, -24.48, 57.59 |
| CIElCh | 54, 62.574, 113.026 |
| Yxy | 21.7544, 0.3896, 0.5288 |
| Android (android.graphics.Color) | 4285696512 (0xFF728A00) |
| YUV | 115.0920, -56.7404, -0.9577 |
| Hunter-Lab | 46.6416, -20.2830, 28.3852 |

Details

The Hex color **728A00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18008A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A9BF44**, and **3E5800** is the 20% darker color. If you saturate the color by 10%, you get **728A00**, and if you desaturate by 10%, it is **748A0E**.

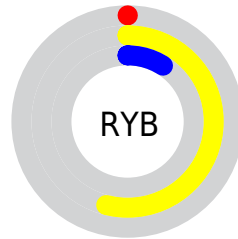
Distribution



Red (45%)

Green (54%)

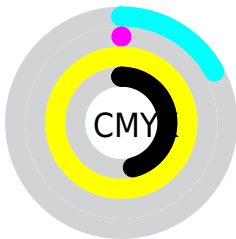
Blue (0%)



Red (0%)

Yellow (54%)

Blue (9%)

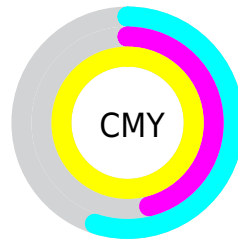


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728A00 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 728A00 by changing the saturation by 10% instead.

 728A00

 728A00

FFFFFF

 577100

 A9BF44

 3E5800

 C6DB5F

 224100

 E3F87A

 052A00

 FFFF95

 001600

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 728A00

 748A0E

 778A1C

 798A29

 7C8A37

 7E8A45

 808A53

 838A61

 858A6E

 888A7C

Harmonies

Analogous

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



A57A00



728A00



22943B

Triad

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



728A00



0095D6



DA4A8F

Complementary

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



728A00



18008A

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.



B55EC2



728A00



008BEC

Square

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



728A00



0099A9



6578E5



DF4D5A

Rectangle

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



728A00



00975F



6578E5



D14FA1

Sweetspot

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



728A00



A9B37D



8A1700



545939



D9D9D9



595959

Same Dimension

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



728A00



93B300



2E8A00



44453E



6E8500



040500

Inverse Universe

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



18008A



1F00B3



5C008A



3F3E45



170085



010005

Previews

White Background



This preview shows how the Hex color 728A00 looks on a white background.

Color Contrast Check

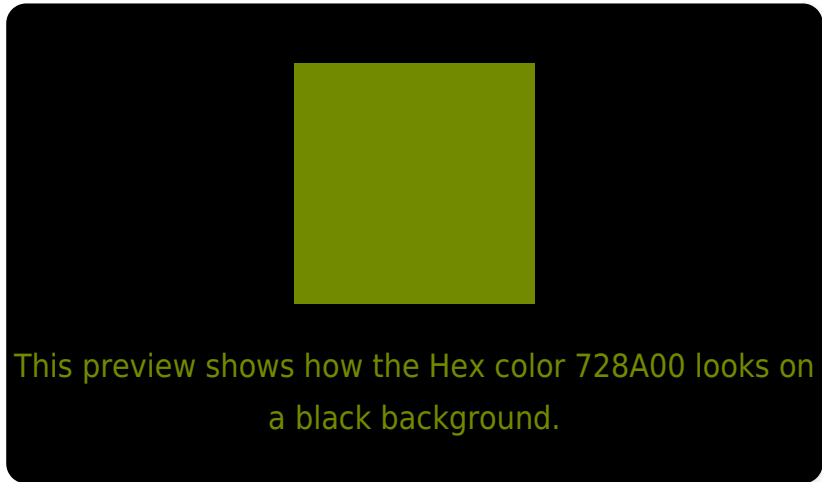
Large Text (above 18pt) WCAG AA ✓ Pass

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 728A00 Background



This preview shows how black text looks on a background with the Hex color 728A00.

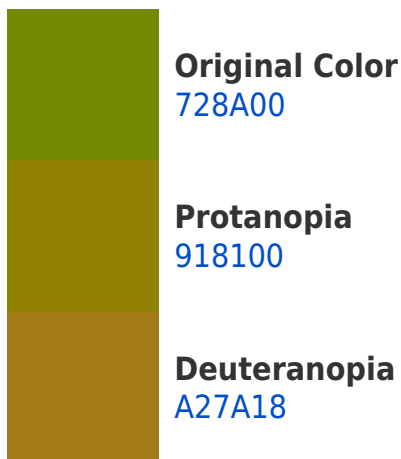


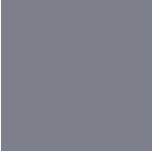
This preview shows how white text looks on a background with the Hex color 728A00.

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](#).

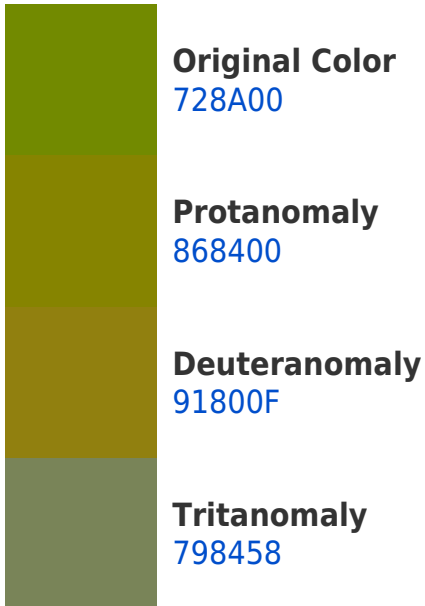
Dichromacy





Tritanopia
7D808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728A00 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 #728A00 looks like.

```
.text, #text, p{  
    color:#728A00  
}
```

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 #728A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728A00
}
```

Border

The CSS property to change the border of an element to Hex 728A00 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
#728A00 }
```

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

```
.border{ border-color:#728A00 }
```

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

Here you see how a box with a 4 pixel #728A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728A00; -webkit-box-shadow:4px 4px  
4px 4px #728A00; box-shadow:4px 4px 4px  
4px #728A00 }
```

Background

The CSS property to change the background color of an element to Hex 728A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728A00 }
```

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

```
.background{ background-color:#728A00 }
```

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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