

# Converting Colors

Hex(728F28)

Have a look what the booklet for  
Hex(728F28) contains.

<b>Hex(728F28)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(728F28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728F28
RGB	114, 143, 40
RGB Percent	45%, 56%, 16%
CMY	0.5529, 0.4392, 0.8431
CMYK	0.20, 0.00, 0.72, 0.44
HSL	77°, 56%, 36%
HSV	77°, 72%, 56%
XYZ	17.1449, 23.3755, 5.6158
YIQ	122.5870, 15.7790, -38.1810

# Conversions

## Conversions Part 2

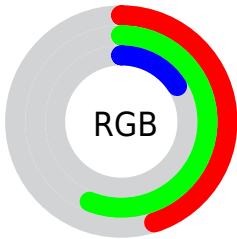
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 143, 69
Decimal	7507752
CIELab	55.46, -25.49, 48.75
CIELCh	55, 55.018, 117.605
Yxy	23.3755, 0.3716, 0.5067
Android (android.graphics.Color)	4285697832 (0xFF728F28)
YUV	122.5870, -40.7154, -7.5308
Hunter-Lab	48.3482, -21.3111, 26.9571

# Details

The Hex color **728F28** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **45288F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A8C55C**, and **3E5D00** is the 20% darker color. If you saturate the color by 10%, you get **6E8F1A**, and if you desaturate by 10%, it is **768F36**.

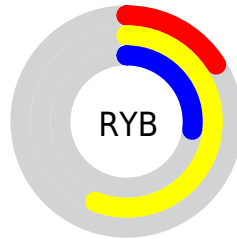
# Distribution



Red (45%)

Green (56%)

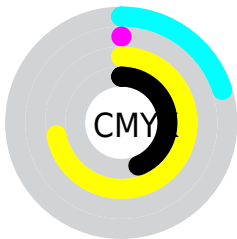
Blue (16%)



Red (16%)

Yellow (56%)

Blue (27%)

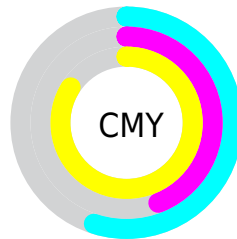


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 728F28 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 728F28 by changing the saturation by 10% instead.





728F28



728F28

FFFFFF



587508



A8C55C



3E5D00



C5E176



254500



E1FE91



072E00



FFFFAC



001C00



FFFC8



000000



FFFFE5



728F28



728F28



6E8F1A



768F36

 6A8F0B

 7A8F45

 678F00

 7E8F53

 828F61

 868F70

 8A8F7E

 8E8F8C

 928F9A

 968FA9

# Harmonies

## Analogous

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



A1811B



728F28



2C974F

# Triad

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



728F28



0096D5



D8588B

# Complementary

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



728F28



45288F

# 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.



BB65B9



728F28



008BE4

# Square

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



728F28



009BB0



7E7ADA



D95D5B

# Rectangle

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



728F28



009A6F



7E7ADA



D15B9B



# Sweetspot

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



728F28



AFBA91



8F4328



575E46



DEDEDE



5E5E5E



# Same Dimension

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



728F28



8DBA1A



408F28



454740



618700



050800



# Inverse Universe

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



45288F



471ABA



77288F



424047



260087



020008



# Previews

## White Background



This preview shows how the Hex color 728F28 looks on a white background.

## Color Contrast Check

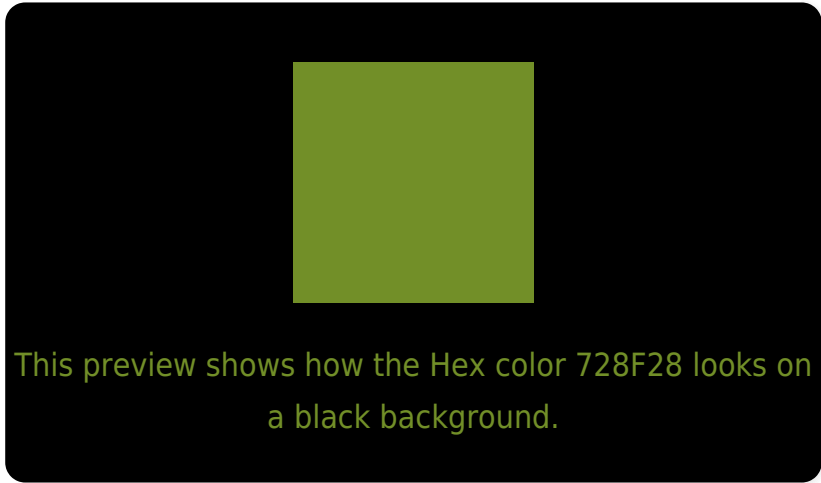
Large Text (above 18pt) WCAG AA ✓ Pass

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 728F28 Background



This preview shows how black text looks on a background with the Hex color 728F28.



This preview shows how white text looks on a background with the Hex color 728F28.

# 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**  
7D8590

# Trichromacy



**Original Color**  
728F28

**Protanomaly**  
888926

**Deuteranomaly**  
92842C

**Tritanomaly**  
79896A

# Monochromacy



**Original Color**  
728F28

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
78825D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 728F28 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 #728F28 looks like.

```
.text, #text, p{  
    color:#728F28  
}
```

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 #728F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728F28
}
```

## Border

The CSS property to change the border of an element to Hex 728F28 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
#728F28 }
```

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

```
.border{ border-color:#728F28 }
```

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

Here you see how a box with a 4 pixel #728F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728F28; -webkit-box-shadow:4px 4px  
4px 4px #728F28; box-shadow:4px 4px 4px  
4px #728F28 }
```

# Background

The CSS property to change the background color of an element to Hex 728F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728F28 }
```

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

```
.background{ background-color:#728F28 }
```

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