

# Converting Colors

Hex(708036)

Have a look what the booklet for  
Hex(708036) contains.

|  |    |
|--|----|
| <b>Hex(708036)</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(708036)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 708036                      |
| RGB         | 112, 128, 54                |
| RGB Percent | 44%, 50%, 21%               |
| CMY         | 0.5608, 0.4980, 0.7882      |
| CMYK        | 0.12, 0.00, 0.58, 0.50      |
| HSL         | 73°, 41%, 36%               |
| HSV         | 73°, 58%, 50%               |
| XYZ         | 15.0671, 19.1494, 6.3921    |
| YIQ         | 114.7800, 14.2180, -26.4060 |

# Conversions

## Conversions Part 2

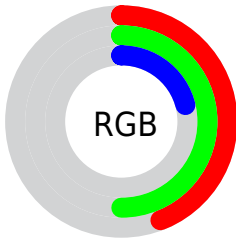
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 54, 128, 70                    |
| Decimal                             | 7372854                        |
| CIELab                              | 50.86, -17.59, 37.55           |
| CIELCh                              | 51, 41.465, 115.105            |
| Yxy                                 | 19.1494, 0.3710,<br>0.4716     |
| Android<br>(android.graphics.Color) | 4285562934<br>(0xFF708036)     |
| YUV                                 | 114.7800, -29.9645,<br>-2.4381 |
| Hunter-Lab                          | 43.7601, -15.1204,<br>21.9714  |

# Details

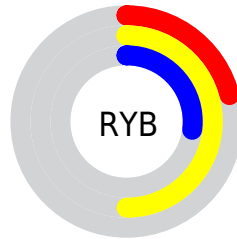
The Hex color **708036** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **463680**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A5B567**, and **3E4F03** is the 20% darker color. If you saturate the color by 10%, you get **6D8029**, and if you desaturate by 10%, it is **738043**.

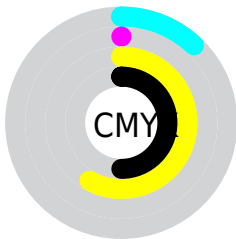
# Distribution



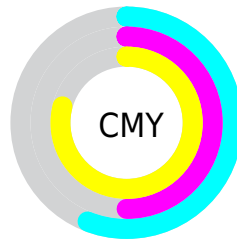
- Red (44%)
- Green (50%)
- Blue (21%)



- Red (21%)
- Yellow (50%)
- Blue (27%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 708036 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 708036 by changing the saturation by 10% instead.



 708036

 708036

FFFFFF

 56671E

 A5B567

 3E4F03

 C1D081

 273800

 DDED9C

 0D2200

 FAFFB7

 000600

 FFFFD3

 000000

 FFFFF0

 708036

 708036

 6D8029

 738043

■ 6A801C

■ 768050

■ 688010

■ 78805C

■ 658003

■ 7B8069

■ 648000

■ 7E8076

■ 818083

■ 838090

■ 86809C

■ 8980A9

# Harmonies

## Analogous

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



937530



708036



44874F

# Triad

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



708036



0087B2



B75B80

# Complementary

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



708036



463680

# 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.



9F64A2



708036



1F7FBF

# Square

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



708036



008B96



7272B9



BB5D5D

# Rectangle

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



708036



0E8A66



7272B9



B15D8C



# Sweetspot

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



708036



A0A68A



804536



515443



D4D4D4



545454



# Same Dimension

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



708036



8DA633



4C8036



3E4039



648000



000000



# Inverse Universe

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



463680



4C33A6



6A3680



3B3940



1C0080



000000



# Previews

## White Background



This preview shows how the Hex color 708036 looks on a white background.

## Color Contrast Check

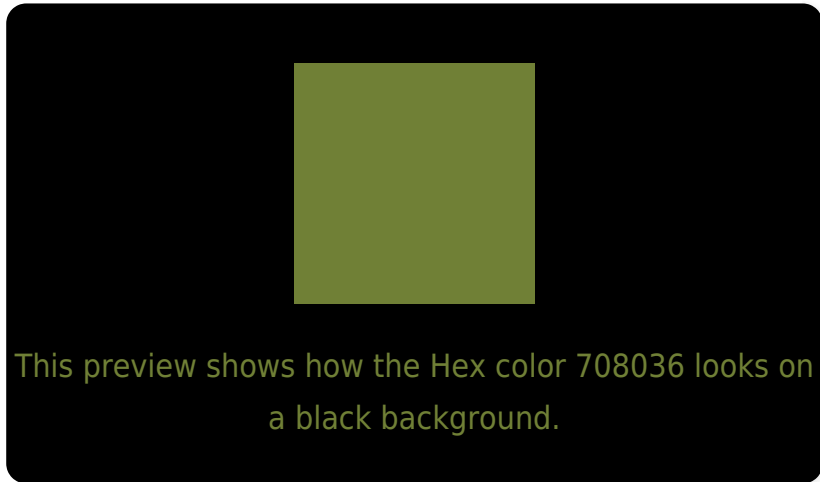
Large Text (above 18pt) WCAG AA ✓ Pass

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

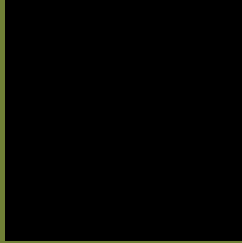
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 708036 Background



This preview shows how black text looks on a background with the Hex color 708036.

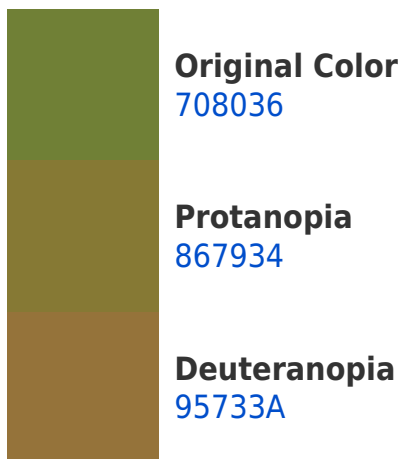


This preview shows how white text looks on a background with the Hex color 708036.

# 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**  
797882

# Trichromacy



**Original Color**  
708036

**Protanomaly**  
7E7C35

**Deuteranomaly**  
887839

**Tritanomaly**  
767B66

# Monochromacy



**Original Color**  
708036

**Achromatopsia**  
737373

**Achromatomaly**  
72785D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 708036 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 #708036 looks like.

```
.text, #text, p{  
    color:#708036  
}
```

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 #708036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #708036
}
```

## Border

The CSS property to change the border of an element to Hex 708036 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
#708036 }
```

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

```
.border{ border-color:#708036 }
```

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

Here you see how a box with a 4 pixel #708036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #708036; -webkit-box-shadow:4px 4px  
4px 4px #708036; box-shadow:4px 4px 4px  
4px #708036 }
```

# Background

The CSS property to change the background color of an element to Hex 708036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#708036 }
```

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

```
.background{ background-color:#708036 }
```

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