

# Converting Colors

Hex(727133)

Have a look what the booklet for  
Hex(727133) contains.

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**Color**

**Hex(727133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	727133
RGB	114, 113, 51
RGB Percent	45%, 44%, 20%
CMY	0.5529, 0.5569, 0.8000
CMYK	0.00, 0.01, 0.55, 0.55
HSL	59°, 38%, 32%
HSV	59°, 55%, 45%
XYZ	13.4421, 15.6267, 5.4397
YIQ	106.2310, 20.4980, -19.0700

# Conversions

## Conversions Part 2

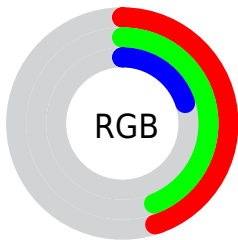
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 114, 51
Decimal	7500083
CIELab	46.48, -8.81, 34.06
CIELCh	46, 35.186, 104.502
Yxy	15.6267, 0.3895, 0.4528
Android (android.graphics.Color)	4285690163 (0xFF727133)
YUV	106.2310, -27.2289, 6.8134
Hunter-Lab	39.5306, -8.4809, 19.5126

# Details

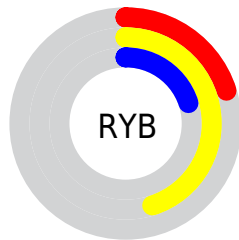
The Hex color **727133** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333472**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A7A564**, and **404103** is the 20% darker color. If you saturate the color by 10%, you get **727128**, and if you desaturate by 10%, it is **72713E**.

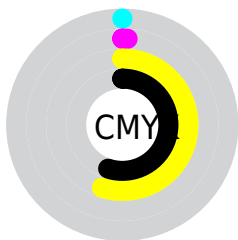
# Distribution



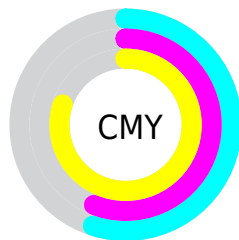
- Red (45%)
- Green (44%)
- Blue (20%)



- Red (20%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (1%)
- Yellow (55%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727133 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 727133 by changing the saturation by 10% instead.



 727133

 727133

FFFFFF

 58591C

 A7A564

 404103

 C3C07D

 292B00

 E0DC97

 0D1800

 FDF8B2

 000000

 FFFFCE

 FFFFEB

 727133

 727133

 727128

 72713E

■ 72711C

■ 72714A

■ 727011

■ 727255

■ 727005

■ 727261

■ 727000

■ 72726C

■ 727277

■ 727283

■ 72728E

■ 72739A

# Harmonies

## Analogous

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



8D6735



727133



517843

# Triad

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



727133



007B97



9D587F

# Complementary

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



727133



333472

# 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.



836198



727133



0076A7

# Square

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



727133



007D7C



586CA7



A65661

# Rectangle

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



727133



367B54



586CA7



965A88



# Sweetspot

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



727133



94947B



723334



4A4A3B



C9C9C9



4A4A4A



# Same Dimension

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



727133



949232



547233



383832



787600



F7F300



# Inverse Universe

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



333472



323494



513372



323338



000278



0004F7



# Previews

## White Background



This preview shows how the Hex color 727133 looks on a white background.

## Color Contrast Check

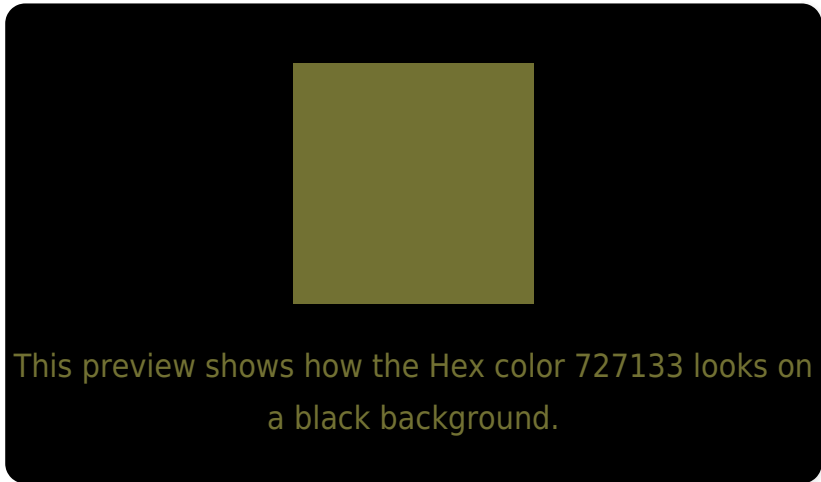
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

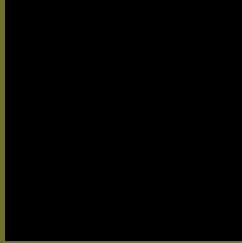
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 727133 Background



This preview shows how black text looks on a background with the Hex color 727133.



This preview shows how white text looks on a background with the Hex color 727133.

# 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**  
727133

**Protanopia**  
7A6E32

**Deuteranopia**  
886935



**Tritanopia**  
786A73

# Trichromacy



**Original Color**  
727133

**Protanomaly**  
776F32

**Deuteranomaly**  
806C34

**Tritanomaly**  
766D5C

# Monochromacy



**Original Color**  
727133

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6D6D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727133 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 #727133 looks like.

```
.text, #text, p{  
    color:#727133  
}
```

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 #727133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727133
}
```

## Border

The CSS property to change the border of an element to Hex 727133 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
#727133 }
```

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

```
.border{ border-color:#727133 }
```

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

Here you see how a box with a 4 pixel #727133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727133; -webkit-box-shadow:4px 4px  
4px 4px #727133; box-shadow:4px 4px 4px  
4px #727133 }
```

# Background

The CSS property to change the background color of an element to Hex 727133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727133 }
```

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

```
.background{ background-color:#727133 }
```

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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