

# Converting Colors

Hex(727227)

Have a look what the booklet for  
Hex(727227) contains.

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**Color**

**Hex(727227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	727227
RGB	114, 114, 39
RGB Percent	45%, 45%, 15%
CMY	0.5529, 0.5529, 0.8471
CMYK	0.00, 0.00, 0.66, 0.55
HSL	60°, 49%, 30%
HSV	60°, 66%, 45%
XYZ	13.3230, 15.7585, 4.2590
YIQ	105.4500, 24.0750, -23.3250

# Conversions

## Conversions Part 2

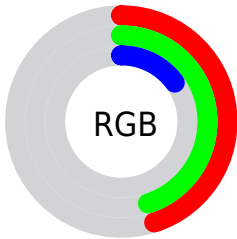
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 114, 39
Decimal	7500327
CIELab	46.66, -10.34, 40.14
CIElCh	47, 41.447, 104.444
Yxy	15.7585, 0.3996, 0.4727
Android (android.graphics.Color)	4285690407 (0xFF727227)
YUV	105.4500, -32.7598, 7.4984
Hunter-Lab	39.6970, -9.5623, 21.4269

# Details

The Hex color **727227** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **272772**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A8A658**, and **3F4200** is the 20% darker color. If you saturate the color by 10%, you get **72721C**, and if you desaturate by 10%, it is **727232**.

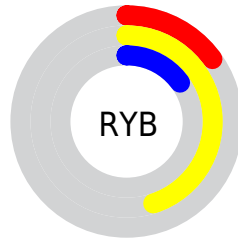
# Distribution



Red (45%)

Green (45%)

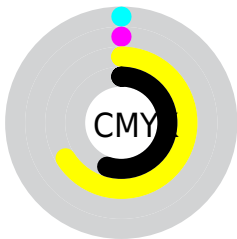
Blue (15%)



Red (15%)

Yellow (45%)

Blue (15%)

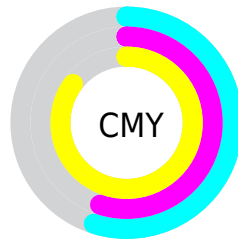


Cyan (0%)

Magenta (0%)

Yellow (66%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727227 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 727227 by changing the saturation by 10% instead.



 727227

 727227

FFFFFF

 585A0D

 A8A658

 3F4200

 C4C172

 272C00

 E1DD8C

 0B1900

 FEF9A7

 000000

 FFFFC2

 FFFFDF

 FFFFFB

 727227

 727227

■ 72721C

■ 727232

■ 727210

■ 72723E

■ 727205

■ 727249

■ 727200

■ 727255

■ 727260

■ 72726B

■ 727277

■ 727282

■ 72728E

# Harmonies

## Analogous

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



91662A



727227



4B7A3B

# Triad

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



727227



007E9E



A55382

# Complementary

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



727227



272772

# 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.



865FA1



727227



0077B1

# Square

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



727227



00807F



506DB2



AF505F

# Rectangle

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



727227



257E4F



506DB2



9D568D



# Sweetspot

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



727227



949476



722727



4A4A38



C9C9C9



4A4A4A



# Same Dimension

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



727227



94941F



4D7227



383832



787800



F7F700



# Inverse Universe

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



272772



1F1F94



4D2772



323238



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 727227 looks on a white background.

## Color Contrast Check

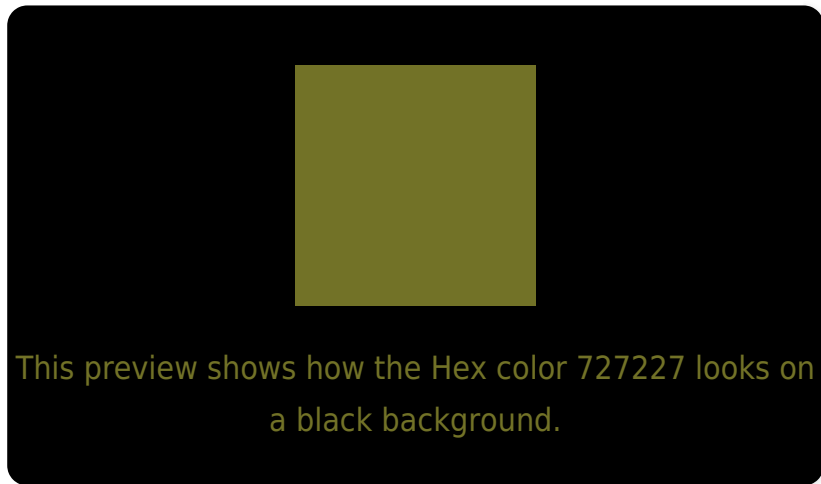
Large Text (above 18pt) WCAG AA ✓ Pass

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

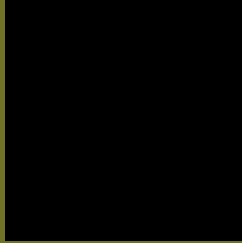
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 727227 Background



This preview shows how black text looks on a background with the Hex color 727227.



This preview shows how white text looks on a background with the Hex color 727227.

# 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**


727227

**Protanopia**

7C6F26

**Deuteranopia**

8A692A



**Tritanopia**  
796B73

# Trichromacy



**Original Color**  
727227

**Protanomaly**  
787026

**Deuteranomaly**  
816C29

**Tritanomaly**  
766E57

# Monochromacy



**Original Color**  
727227

**Achromatopsia**  
696969

**Achromatomaly**  
6C6C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727227 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 #727227 looks like.

```
.text, #text, p{  
    color:#727227  
}
```

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 #727227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727227
}
```

## Border

The CSS property to change the border of an element to Hex 727227 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
#727227 }
```

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

```
.border{ border-color:#727227 }
```

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

Here you see how a box with a 4 pixel #727227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727227; -webkit-box-shadow:4px 4px  
4px 4px #727227; box-shadow:4px 4px 4px  
4px #727227 }
```

# Background

The CSS property to change the background color of an element to Hex 727227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727227 }
```

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

```
.background{ background-color:#727227 }
```

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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