

# Converting Colors

Hex(442444)

Have a look what the booklet for  
Hex(442444) contains.

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# Color

**Hex(442444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	442444
RGB	68, 36, 68
RGB Percent	27%, 14%, 27%
CMY	0.7333, 0.8588, 0.7333
CMYK	0.00, 0.47, 0.00, 0.73
HSL	300°, 31%, 20%
HSV	300°, 47%, 27%
XYZ	4.0582, 2.9081, 5.8163
YIQ	49.2160, 8.8000, 16.7360

# Conversions

## Conversions Part 2

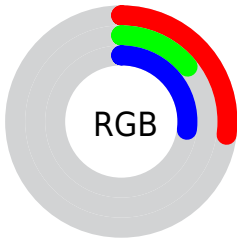
Format	Color
R <sub>Y</sub> B	68, 36, 68
Decimal	4465732
CIE Lab	19.67, 21.00, -13.82
CIE LCh	20, 25.138, 326.651
Yxy	2.9081, 0.3175, 0.2275
Android (android.graphics.Color)	4282655812 (0xFF442444)
YUV	49.2160, 9.2605, 16.4736
Hunter-Lab	17.0530, 12.6355, -8.2849

# Details

The Hex color **442444** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **244424**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **755274**, and **1B001A** is the 20% darker color. If you saturate the color by 10%, you get **441D44**, and if you desaturate by 10%, it is **442B44**.

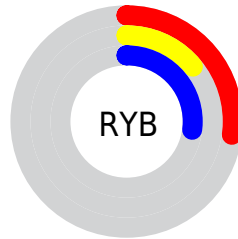
# Distribution



Red (27%)

Green (14%)

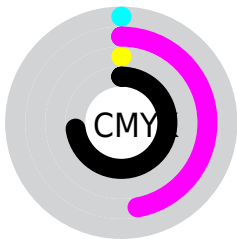
Blue (27%)



Red (27%)

Yellow (14%)

Blue (27%)

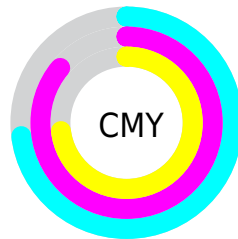


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 442444 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 442444 by changing the saturation by 10% instead.





442444



442444

FFFFFF



2D0F2E



755274



1B001A



8F6A8E



000000



AA84A8



C59EC4



E1B9E0



FED5FC



FFF1FF



442444



442444

■ 441D44

■ 442B44

■ 441644

■ 443244

■ 441044

■ 443844

■ 440944

■ 443F44

■ 440244

■ 444644

■ 440044

■ 444D44

■ 445444

■ 445A44

■ 446144

# Harmonies

## Analogous

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



2D2C50



442444



501F32

# Triad

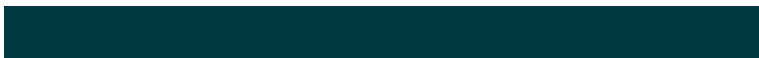
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



442444



3B2E07



00383F

# Complementary

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



442444



244424

# 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.



00382D



442444



29330C

# Square

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



442444



492711



11371B



00364E

# Rectangle

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



442444



511F26



11371B



00393A



# Sweetspot

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



442444



594D59



242444



2E262E



ADADAD



2E2E2E



# Same Dimension

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



442444



592759



442434



211E21



610061



E000E0



# Inverse Universe

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



442444



592759



244434



211E21



610061



E000E0



# Previews

## White Background



This preview shows how the Hex color 442444 looks on a white background.

## Color Contrast Check

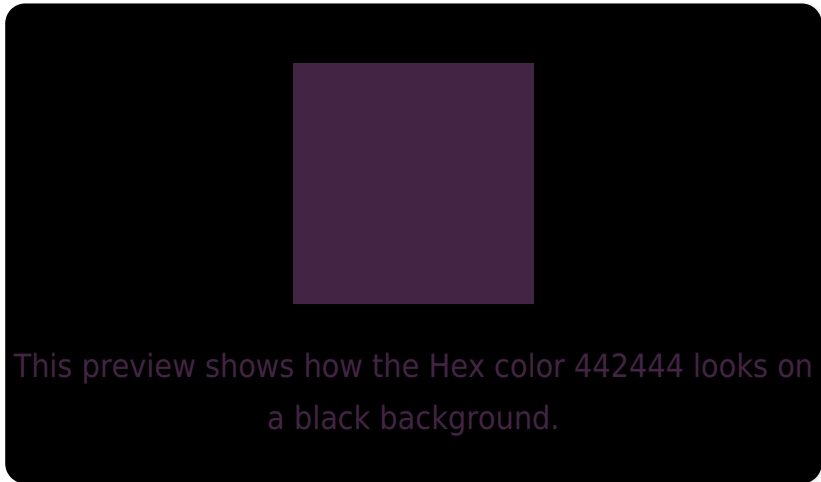
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

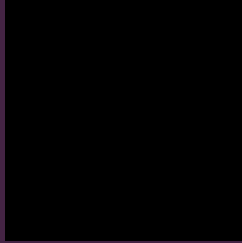
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 442444 Background



This preview shows how black text looks on a background with the Hex color 442444.



This preview shows how white text looks on a background with the Hex color 442444.

# 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**  
442444

**Protanopia**  
252F4D

**Deuteranopia**  
2B3042



**Tritanopia**  
41292D

# Trichromacy



**Original Color**  
442444

**Protanomaly**  
302B4A

**Deuteranomaly**  
342C43

**Tritanomaly**  
422735

# Monochromacy



**Original Color**  
442444

**Achromatopsia**  
313131

**Achromatomaly**  
382C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 442444 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 #442444 looks like.

```
.text, #text, p{  
    color:#442444  
}
```

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 #442444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442444  
}
```

## Border

The CSS property to change the border of an element to Hex 442444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

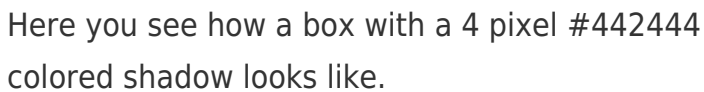
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442444 }
```

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

```
.border{ border-color:#442444 }
```

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



Here you see how a box with a 4 pixel #442444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442444; -webkit-box-shadow:4px 4px  
4px 4px #442444; box-shadow:4px 4px 4px  
4px #442444 }
```

# Background

The CSS property to change the background color of an element to Hex 442444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442444 }
```

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

```
.background{ background-color:#442444 }
```

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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