

Converting Colors

Hex(442213)

Have a look what the booklet for
Hex(442213) contains.

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Color

Hex(442213)

Conversions

Conversions Part 1

Format	Color
Hex	442213
RGB	68, 34, 19
RGB Percent	27%, 13%, 7%
CMY	0.7333, 0.8667, 0.9255
CMYK	0.00, 0.50, 0.72, 0.73
HSL	18°, 56%, 17%
HSV	18°, 72%, 27%
XYZ	3.0735, 2.4200, 0.9212
YIQ	42.4560, 25.0790, 2.5430

Conversions

Conversions Part 2

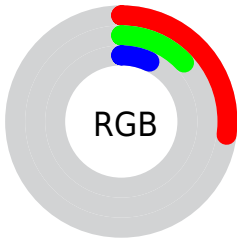
Format	Color
RYB	68, 41, 19
Decimal	4465171
CIELab	17.55, 14.67, 17.09
CIELCh	18, 22.520, 49.354
Yxy	2.4200, 0.4791, 0.3773
Android (android.graphics.Color)	4282655251 (0xFF442213)
YUV	42.4560, -11.5638, 22.4021
Hunter-Lab	15.5564, 8.0424, 7.3785

Details

The Hex color **442213** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **133544**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **774F3E**, and **0B0000** is the 20% darker color. If you saturate the color by 10%, you get **441D0C**, and if you desaturate by 10%, it is **44271A**.

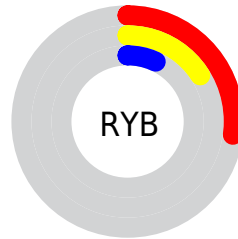
Distribution



Red (27%)

Green (13%)

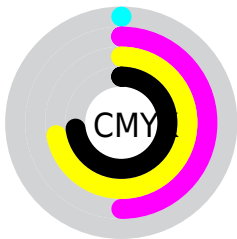
Blue (7%)



Red (27%)

Yellow (16%)

Blue (7%)

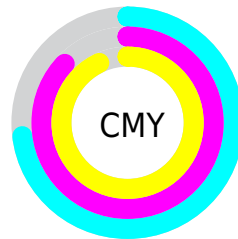


Cyan (0%)

Magenta (50%)

Yellow (72%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442213 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 442213 by changing the saturation by 10% instead.

 442213

 442213

 FFFFF4

 2D0D00

 774F3E

 0B0000

 926755

 000000

 AD806D

 C99A87

 E6B5A1

 FFD1BC

 FFEDD8

 442213

 442213

■ 441D0C

■ 44271A

■ 441905

■ 442B21

■ 441500

■ 443027

■ 44352E

■ 443A35

■ 443E3C

■ 444343

■ 444849

■ 444C50

Harmonies

Analogous

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



491D21



442213



392808

Triad

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



442213



003325



22294A

Complementary

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



442213



133544

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.



002E4B



442213



003335

Square

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



442213



173115



003243



392240

Rectangle

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



442213



302C07



003243



172B4B

Sweetspot

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



442213



594C46



441335



2E2622



ADADAD



2E2E2E

Same Dimension

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



442213



59240C



443A13



211F1E



611E00



E04500

Inverse Universe

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



133544



0C4259



131D44



1E2021



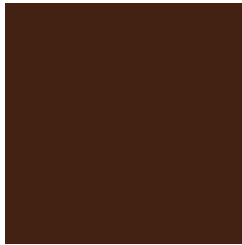
004361



009CE0

Previews

White Background



This preview shows how the Hex color 442213 looks on a white background.

Color Contrast Check

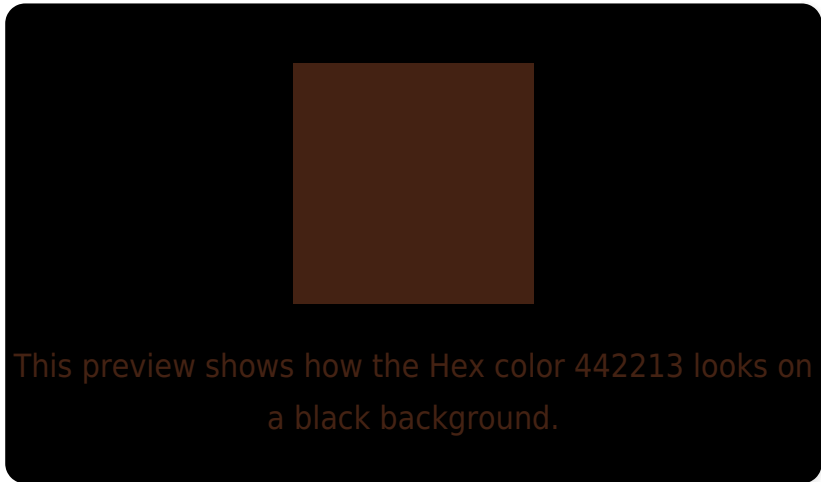
Large Text (above 18pt) WCAG AA ✓ Pass

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

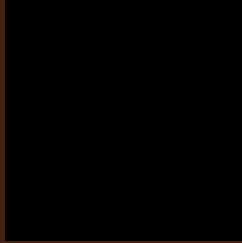
Any Text WCAG AA × Fail

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 442213 Background



This preview shows how black text looks on a background with the Hex color 442213.

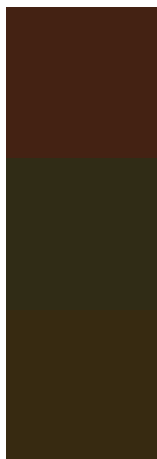


This preview shows how white text looks on a background with the Hex color 442213.

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

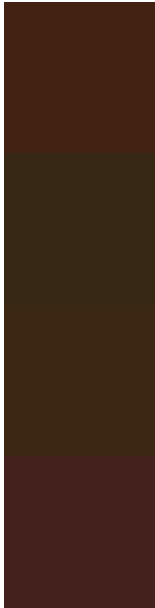


Original Color
442213

Protanopia
302C16

Deuteranopia
372A11

Trichromacy



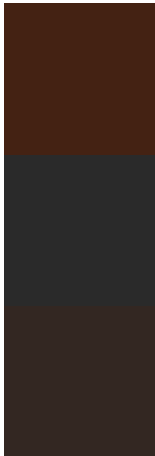
Original Color
442213

Protanomaly
372815

Deuteranomaly
3C2712

Tritanomaly
45211D

Monochromacy



Original Color
442213

Achromatopsia
2A2A2A

Achromatomaly
332722

CSS Examples

Text

The CSS property to change the color of the text to Hex 442213 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 #442213 looks like.

```
.text, #text, p{  
    color:#442213  
}
```

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 #442213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442213
}
```

Border

The CSS property to change the border of an element to Hex 442213 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
#442213 }
```

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

```
.border{ border-color:#442213 }
```

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

Here you see how a box with a 4 pixel #442213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442213; -webkit-box-shadow:4px 4px  
4px 4px #442213; box-shadow:4px 4px 4px  
4px #442213 }
```

Background

The CSS property to change the background color of an element to Hex 442213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442213 }
```

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

```
.background{ background-color:#442213 }
```

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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