

Converting Colors

Hex(442022)

Have a look what the booklet for
Hex(442022) contains.

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Color

Hex(442022)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 442022 |
| RGB | 68, 32, 34 |
| RGB Percent | 27%, 13%, 13% |
| CMY | 0.7333, 0.8745, 0.8667 |
| CMYK | 0.00, 0.53, 0.50, 0.73 |
| HSL | 357°, 36%, 20% |
| HSV | 357°, 53%, 27% |
| XYZ | 3.1891, 2.3775, 1.8042 |
| YIQ | 42.9920, 20.8140, 8.2540 |

Conversions

Conversions Part 2

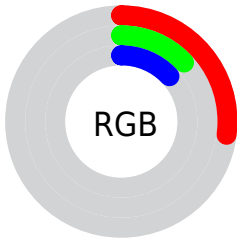
| Format | Color |
|-------------------------------------|--|
| RYB | 68, 32, 34 |
| Decimal | 4464674 |
| CIELab | 17.36, 17.50, 6.52 |
| CIELCh | 17, 18.672, 20.440 |
| Yxy | 2.3775, 0.4327, 0.3226 |
| Android (android.graphics.Color) | 4282654754 (0xFF442022) |
| YUV | 42.9920, -4.4331, 21.9320 |
| Hunter-Lab | 15.4190, 9.9362, 3.8558 |

Details

The Hex color **442022** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **204442**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **764D4E**, and **0F0000** is the 20% darker color. If you saturate the color by 10%, you get **44191C**, and if you desaturate by 10%, it is **442728**.

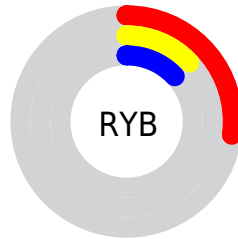
Distribution



Red (27%)

Green (13%)

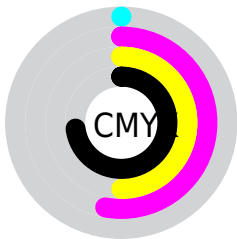
Blue (13%)



Red (27%)

Yellow (13%)

Blue (13%)

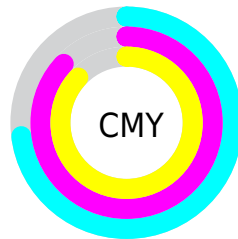


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442022 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 442022 by changing the saturation by 10% instead.

■ 442022

■ 442022

FFFFFF

■ 2D0B0C

■ 764D4E

■ 0F0000

■ 906566

■ 000000

■ AB7E7F

■ C79999

■ E4B3B4

■ FFCFCF

■ FFEBEB

■ 442022

■ 442022

■ 44191C

■ 442728

■ 441215

■ 442E2F

■ 440C0F

■ 443435

■ 440508

■ 443B3C

■ 440004

■ 444242

■ 444949

■ 44504F

■ 445655

■ 445D5C

Harmonies

Analogous

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



41202F



442022



402416

Triad

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



442022



1A3019



082D45

Complementary

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



442022



204442

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.



00303F



442022



043126

Square

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



442022



2A2D11



003134



252944

Rectangle

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



442022



3A2711



003134



002E44

Sweetspot

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



442022



594B4C



422044



2E2526



ADADAD



2E2E2E

Same Dimension

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



442022



592023



443020



211E1E



610005



E0000C

Inverse Universe

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



442022



592023



203444



211E1E



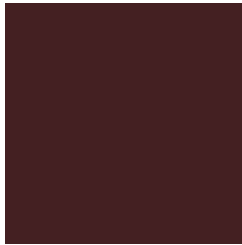
610005



E0000C

Previews

White Background



This preview shows how the Hex color 442022 looks on a white background.

Color Contrast Check

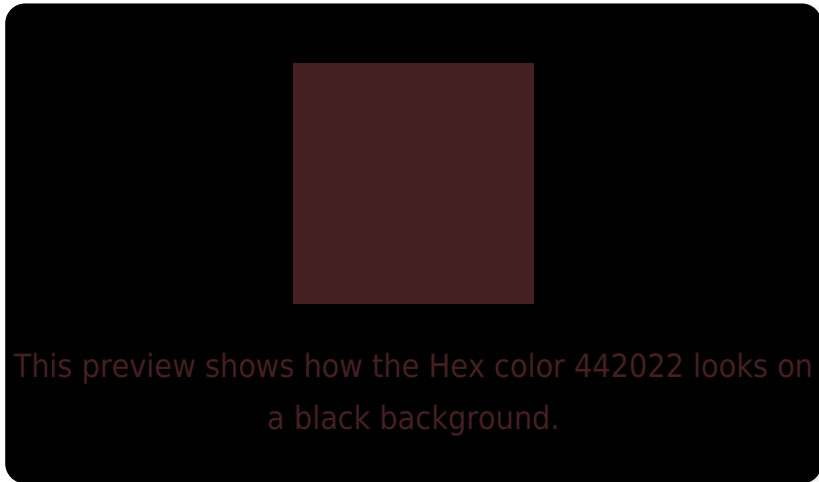
Large Text (above 18pt) WCAG AA ✓ Pass

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

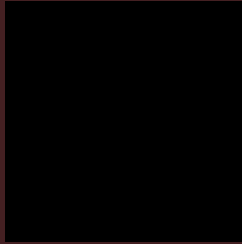
Any Text WCAG AA × Fail

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 442022 Background



This preview shows how black text looks on a background with the Hex color 442022.



This preview shows how white text looks on a background with the Hex color 442022.

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

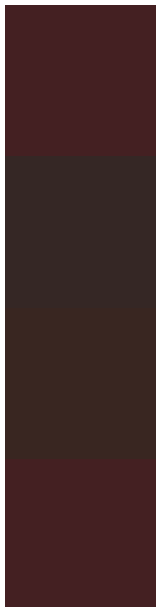


Original Color
442022

Protanopia
2D2B27

Deuteranopia
332A20

Trichromacy



Original Color

442022

Protanomaly

352725

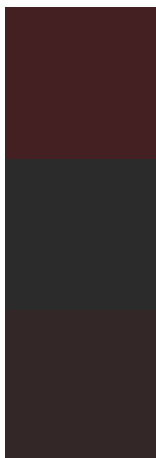
Deuteranomaly

392621

Tritanomaly

442022

Monochromacy



Original Color

442022

Achromatopsia

2B2B2B

Achromatomaly

342728

CSS Examples

Text

The CSS property to change the color of the text to Hex 442022 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 #442022 looks like.

```
.text, #text, p{  
    color:#442022  
}
```

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 #442022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442022  
}
```

Border

The CSS property to change the border of an element to Hex 442022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

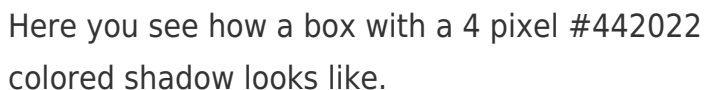
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442022 }
```

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

```
.border{ border-color:#442022 }
```

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



Here you see how a box with a 4 pixel #442022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442022; -webkit-box-shadow:4px 4px  
4px 4px #442022; box-shadow:4px 4px 4px  
4px #442022 }
```

Background

The CSS property to change the background color of an element to Hex 442022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442022 }
```

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

```
.background{ background-color:#442022 }
```

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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