

Converting Colors

Hex(442130)

Have a look what the booklet for
Hex(442130) contains.

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Color

Hex(442130)

Conversions

Conversions Part 1

Format	Color
Hex	442130
RGB	68, 33, 48
RGB Percent	27%, 13%, 19%
CMY	0.7333, 0.8706, 0.8118
CMYK	0.00, 0.51, 0.29, 0.73
HSL	334°, 35%, 20%
HSV	334°, 51%, 27%
XYZ	3.4613, 2.5301, 3.1022
YIQ	45.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

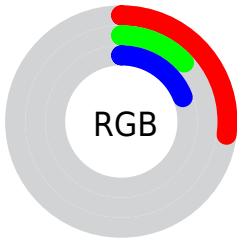
Format	Color
R_{YB}	68, 33, 48
Decimal	4464944
CIE _{Lab}	18.05, 18.95, -2.37
CIE _{LCh}	18, 19.094, 352.866
Yxy	2.5301, 0.3806, 0.2782
Android (android.graphics.Color)	4282655024 (0xFF442130)
YUV	45.1750, 1.3927, 20.0175
Hunter-Lab	15.9062, 11.0067, -0.4292

Details

The Hex color **442130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **214435**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **754E5E**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **441A2C**, and if you desaturate by 10%, it is **442834**.

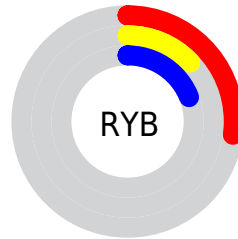
Distribution



Red (27%)

Green (13%)

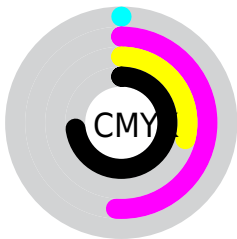
Blue (19%)



Red (27%)

Yellow (13%)

Blue (19%)

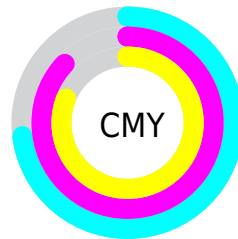


Cyan (0%)

Magenta (51%)

Yellow (29%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442130 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 442130 by changing the saturation by 10% instead.

■ 442130

■ 442130

FFFFFF

■ 2D0C1B

■ 754E5E

■ 170000

■ 8F6777

■ 000000

■ AA8090

■ C69AAB

■ E2B5C6

■ FFD1E2

■ FFEDFF

■ 442130

■ 442130

■ 441A2C

■ 442834

■ 441328

■ 442F38

■ 440D24

■ 44353C

■ 440620

■ 443C40

■ 44001D

■ 444343

■ 444A47

■ 44514B

■ 44574F

■ 445E53

Harmonies

Analogous

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



3A253D



442130



462122

Triad

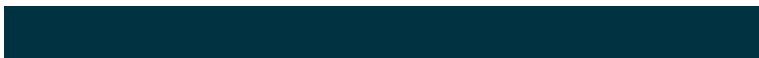
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



442130



2A2F12



003242

Complementary

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



442130



214435

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.



003336



442130



1A311B

Square

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



442130



372A10



013328



0C2F47

Rectangle

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



442130



44241A



013328



00323E

Sweetspot

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



442130



594C52



352144



2E2629



ADADAD



2E2E2E

Same Dimension

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



442130



59223A



442321



211E1F



61002A



E00060

Inverse Universe

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



442130



59223A



214244



211E1F



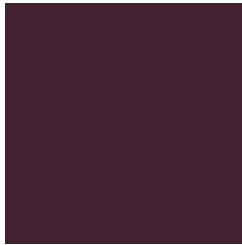
61002A



E00060

Previews

White Background



This preview shows how the Hex color 442130 looks on a white background.

Color Contrast Check

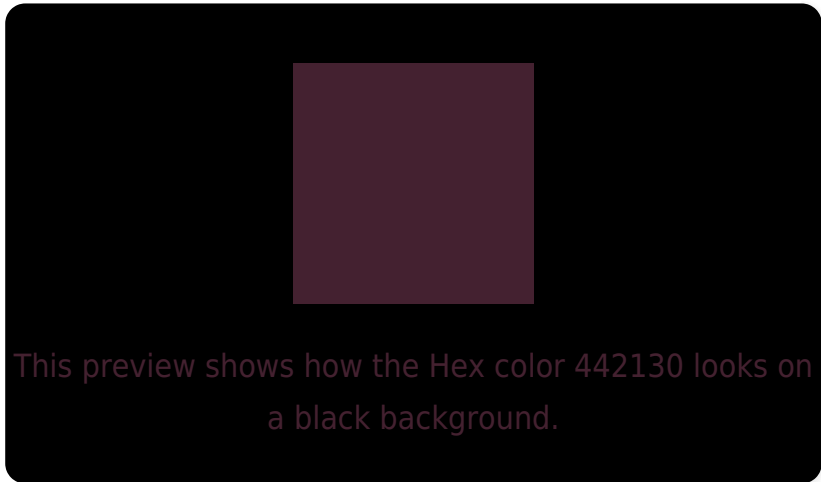
Large Text (above 18pt) WCAG AA ✓ Pass

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

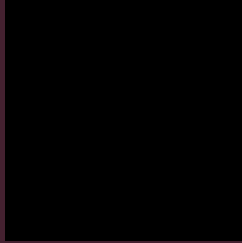
Any Text WCAG AA × Fail

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 442130 Background



This preview shows how black text looks on a background with the Hex color 442130.



This preview shows how white text looks on a background with the Hex color 442130.

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
442130

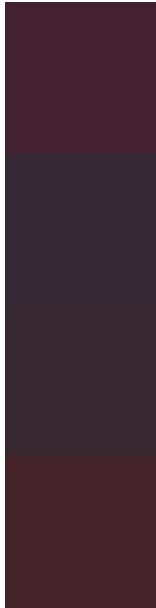
Protanopia
2A2C37

Deuteranopia
302B2E



Tritanopia
432326

Trichromacy



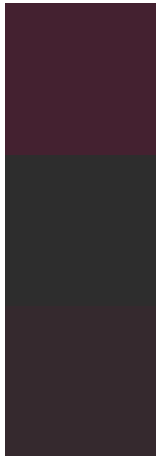
Original Color
442130

Protanomaly
332834

Deuteranomaly
37272F

Tritanomaly
43222A

Monochromacy



Original Color
442130

Achromatopsia
2D2D2D

Achromatomaly
35292E

CSS Examples

Text

The CSS property to change the color of the text to Hex 442130 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 #442130 looks like.

```
.text, #text, p{  
    color:#442130  
}
```

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 #442130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442130
}
```

Border

The CSS property to change the border of an element to Hex 442130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

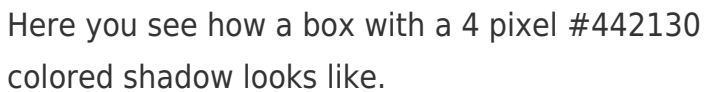
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442130 }
```

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

```
.border{ border-color:#442130 }
```

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



Here you see how a box with a 4 pixel #442130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442130; -webkit-box-shadow:4px 4px  
4px 4px #442130; box-shadow:4px 4px 4px  
4px #442130 }
```

Background

The CSS property to change the background color of an element to Hex 442130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442130 }
```

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

```
.background{ background-color:#442130 }
```

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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