

Converting Colors

Hex(442111)

Have a look what the booklet for
Hex(442111) contains.

| | |
|--|----|
| Hex(442111) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(442111)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 442111 |
| RGB | 68, 33, 17 |
| RGB Percent | 27%, 13%, 7% |
| CMY | 0.7333, 0.8706, 0.9333 |
| CMYK | 0.00, 0.51, 0.75, 0.73 |
| HSL | 19°, 60%, 17% |
| HSV | 19°, 75%, 27% |
| XYZ | 3.0289, 2.3571, 0.8256 |
| YIQ | 41.6410, 25.9960, 2.4440 |

Conversions

Conversions Part 2

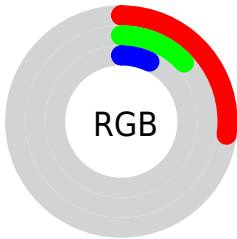
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 68, 40, 17 |
| Decimal | 4464913 |
| CIELab | 17.26, 15.16, 17.95 |
| CIElCh | 17, 23.494, 49.814 |
| Yxy | 2.3571, 0.4876, 0.3795 |
| Android (android.graphics.Color) | 4282654993 (0xFF442111) |
| YUV | 41.6410, -12.1480, 23.1168 |
| Hunter-Lab | 15.3529, 8.3480, 7.5586 |

Details

The Hex color **442111** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **113444**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **774E3C**, and **090000** is the 20% darker color. If you saturate the color by 10%, you get **441C0A**, and if you desaturate by 10%, it is **442618**.

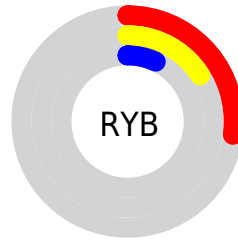
Distribution



Red (27%)

Green (13%)

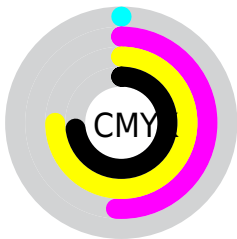
Blue (7%)



Red (27%)

Yellow (16%)

Blue (7%)

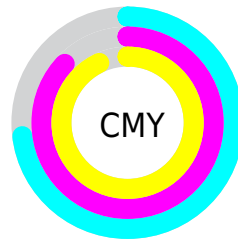


Cyan (0%)

Magenta (51%)

Yellow (75%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442111 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 442111 by changing the saturation by 10% instead.

 442111

 442111

 FFFFF2

 2C0C00

 774E3C

 090000

 926653

 000000

 AD7F6B

 C99984

 E6B49E

 FFD0B9

 FFECD5

 442111

 442111

■ 441C0A

■ 442618

■ 441803

■ 442A1F

■ 441500

■ 442F25

■ 44342C

■ 443833

■ 443D3A

■ 444241

■ 444647

■ 444B4E

Harmonies

Analogous

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



491C20



442111



392805

Triad

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



442111



003224



21284A

Complementary

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



442111



113444

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



442111



003335

Square

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



442111



153014



003144



392140

Rectangle

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



442111



2F2B04



003144



142A4C

Sweetspot

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



442111



594B45



441135



2E2521



ADADAD



2E2E2E

Same Dimension

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



442111



592209



443A11



211F1E



611E00



E04600

Inverse Universe

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



113444



094059



111B44



1E2021



004361



009AE0

Previews

White Background



This preview shows how the Hex color 442111 looks on a white background.

Color Contrast Check

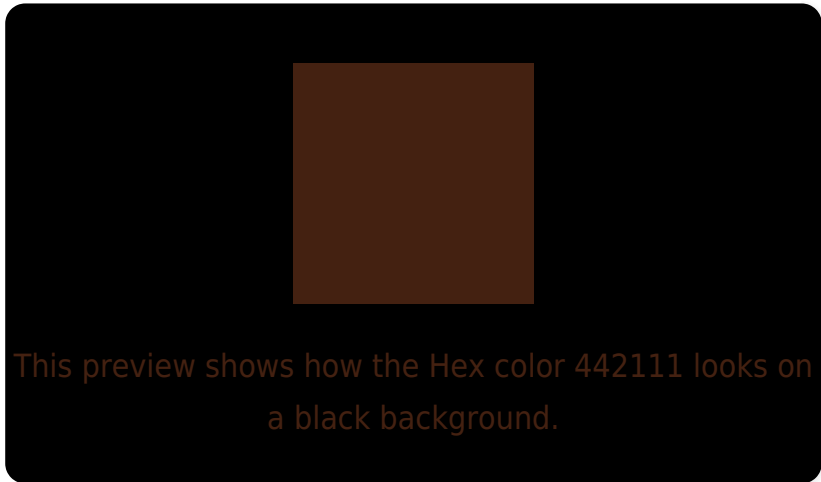
Large Text (above 18pt) WCAG AA ✓ Pass

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

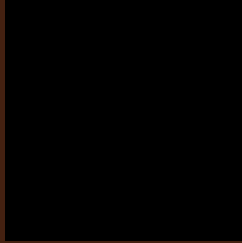
Any Text WCAG AA × Fail

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 442111 Background



This preview shows how black text looks on a background with the Hex color 442111.

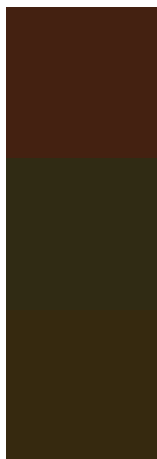


This preview shows how white text looks on a background with the Hex color 442111.

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
442111

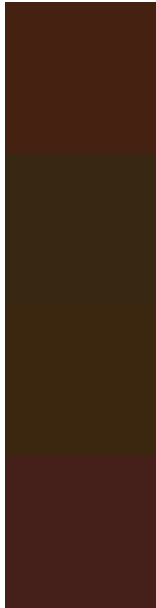
Protanopia
302B14

Deuteranopia
36290F



Tritanopia
451F21

Trichromacy



Original Color
442111

Protanomaly
372713

Deuteranomaly
3B2610

Tritanomaly
45201B

Monochromacy



Original Color
442111

Achromatopsia
2A2A2A

Achromatomaly
332721

CSS Examples

Text

The CSS property to change the color of the text to Hex 442111 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 #442111 looks like.

```
.text, #text, p{  
    color:#442111  
}
```

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 #442111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442111
}
```

Border

The CSS property to change the border of an element to Hex 442111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

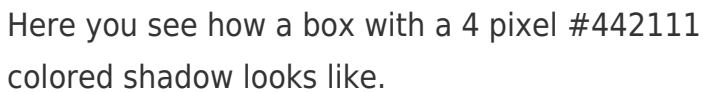
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442111 }
```

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

```
.border{ border-color:#442111 }
```

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



Here you see how a box with a 4 pixel #442111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442111; -webkit-box-shadow:4px 4px  
4px 4px #442111; box-shadow:4px 4px 4px  
4px #442111 }
```

Background

The CSS property to change the background color of an element to Hex 442111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442111 }
```

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

```
.background{ background-color:#442111 }
```

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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