

Converting Colors

Hex(412204)

Have a look what the booklet for
Hex(412204) contains.

Hex(412204)	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(412204)

Conversions

Conversions Part 1

Format	Color
Hex	412204
RGB	65, 34, 4
RGB Percent	25%, 13%, 2%
CMY	0.7451, 0.8667, 0.9843
CMYK	0.00, 0.48, 0.94, 0.75
HSL	30°, 88%, 14%
HSV	30°, 94%, 25%
XYZ	2.7739, 2.2766, 0.4081
YIQ	39.8490, 28.1060, -2.7580

Conversions

Conversions Part 2

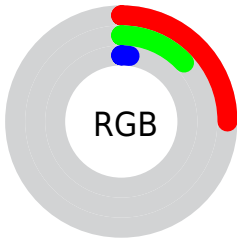
Format	Color
RYB	65, 63, 4
Decimal	4268548
CIELab	16.88, 12.23, 23.26
CIElCh	17, 26.280, 62.264
Yxy	2.2766, 0.5082, 0.4171
Android (android.graphics.Color)	4282458628 (0xFF412204)
YUV	39.8490, -17.6736, 22.0574
Hunter-Lab	15.0885, 6.4110, 8.9584

Details

The Hex color **412204** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **042341**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **744F32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **412000**, and if you desaturate by 10%, it is **41250B**.

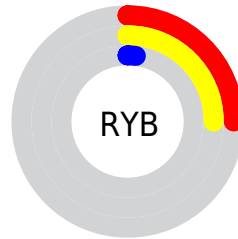
Distribution



Red (25%)

Green (13%)

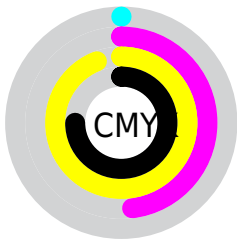
Blue (2%)



Red (25%)

Yellow (25%)

Blue (2%)

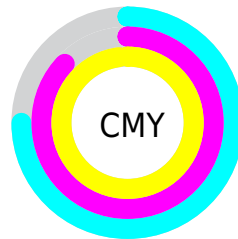


Cyan (0%)

Magenta (48%)

Yellow (94%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412204 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 412204 by changing the saturation by 10% instead.

 412204

 412204

 FFFFE6

 290E00

 744F32

 000000

 8F6749

 AA8061

 C69A7A

 E3B593

 FFD0AE

 FFECCA

 412204

 412204

■ 412000

■ 41250B

■ 412911

■ 412C18

■ 412F1E

■ 413325

■ 41362B

■ 413932

■ 413C38

■ 41403F

Harmonies

Analogous

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



4A1B17



412204



332900

Triad

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



412204



00322B



2C244A

Complementary

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



412204



042341

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.



002B4F



412204



00323D

Square

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



412204



003117



00304B



411C3B

Rectangle

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



412204



262D00



00304B



21274D

Sweetspot

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



412204



54483D



410424



2B241D



ABABAB



2B2B2B

Same Dimension

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



412204



542900



414004



211F1E



613000



E06E00

Inverse Universe

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



042341



002B54



040541



1E2021



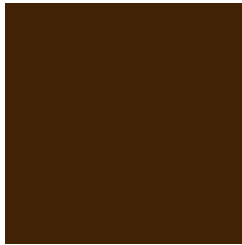
003161



0072E0

Previews

White Background



This preview shows how the Hex color 412204 looks on a white background.

Color Contrast Check

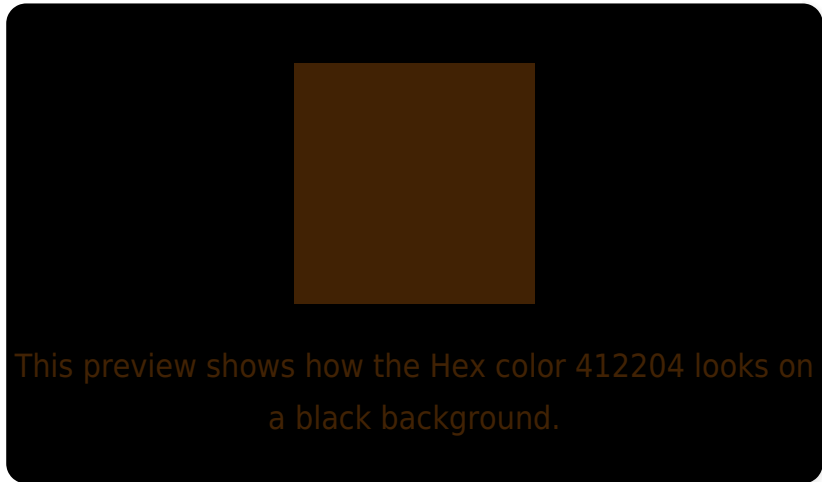
Large Text (above 18pt) WCAG AA ✓ Pass

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

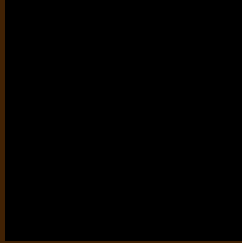
Any Text WCAG AA × Fail

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 412204 Background



This preview shows how black text looks on a background with the Hex color 412204.

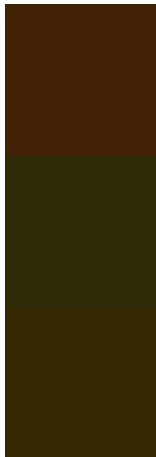


This preview shows how white text looks on a background with the Hex color 412204.

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
412204

Protanopia
302B07

Deuteranopia
362800

Trichromacy



Original Color
412204

Protanomaly
362806

Deuteranomaly
3A2601

Tritanomaly
422117

Monochromacy



Original Color
412204

Achromatopsia
282828

Achromatomaly
31261B

CSS Examples

Text

The CSS property to change the color of the text to Hex 412204 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 #412204 looks like.

```
.text, #text, p{  
    color:#412204  
}
```

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 #412204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412204
}
```

Border

The CSS property to change the border of an element to Hex 412204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

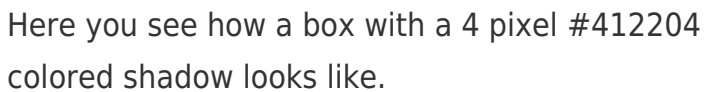
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412204 }
```

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

```
.border{ border-color:#412204 }
```

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



Here you see how a box with a 4 pixel #412204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412204; -webkit-box-shadow:4px 4px  
4px 4px #412204; box-shadow:4px 4px 4px  
4px #412204 }
```

Background

The CSS property to change the background color of an element to Hex 412204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412204 }
```

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

```
.background{ background-color:#412204 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor