

# Converting Colors

Hex(412414)

Have a look what the booklet for  
Hex(412414) contains.

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**Color**

**Hex(412414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	412414
RGB	65, 36, 20
RGB Percent	25%, 14%, 8%
CMY	0.7451, 0.8588, 0.9216
CMYK	0.00, 0.45, 0.69, 0.75
HSL	21°, 53%, 17%
HSV	21°, 69%, 25%
XYZ	2.9371, 2.4361, 0.9772
YIQ	42.8470, 22.4200, 1.1720

# Conversions

## Conversions Part 2

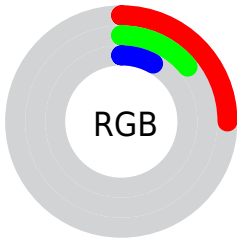
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 45, 20
Decimal	4269076
CIELab	17.63, 11.96, 16.41
CIELCh	18, 20.309, 53.925
Yxy	2.4361, 0.4625, 0.3836
Android (android.graphics.Color)	4282459156 (0xFF412414)
YUV	42.8470, -11.2636, 19.4282
Hunter-Lab	15.6079, 6.2764, 7.2134

# Details

The Hex color **412414** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **143141**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **73513F**, and **050000** is the 20% darker color. If you saturate the color by 10%, you get **41200E**, and if you desaturate by 10%, it is **41281A**.

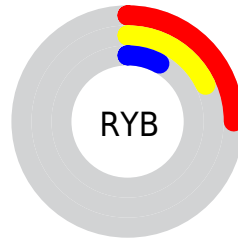
# Distribution



Red (25%)

Green (14%)

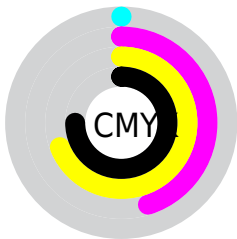
Blue (8%)



Red (25%)

Yellow (18%)

Blue (8%)

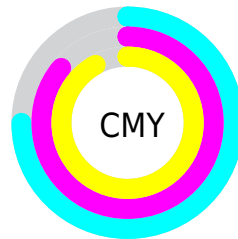


Cyan (0%)

Magenta (45%)

Yellow (69%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 412414 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 412414 by changing the saturation by 10% instead.





412414



412414



FFFFFF5



2A1000



73513F



050000



8E6956



000000



A9826E



C59C88



E1B7A2



FED3BD



FFEFD9



412414



412414

■ 41200E

■ 41281A

■ 411C07

■ 412C21

■ 411701

■ 413128

■ 411700

■ 41352E

■ 413935

■ 413D3B

■ 414142

■ 414648

■ 414A4F

# Harmonies

## Analogous

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



462020



412414



36290D

# Triad

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



412414



003228



272946

# Complementary

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



412414



143141

# 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.



062E48



412414



003237

# Square

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



412414



163119



003142



3A233D

# Rectangle

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



412414



2D2D0D



003142



1F2A48



# Sweetspot

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



412414



544942



411431



2B2421



ABABAB



2B2B2B



# Same Dimension

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



412414



54270E



413A14



211F1E



612200



E05000



# Inverse Universe

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



143141



0E3B54



141B41



1E2021



003E61



0091E0



# Previews

## White Background



This preview shows how the Hex color 412414 looks on a white background.

## Color Contrast Check

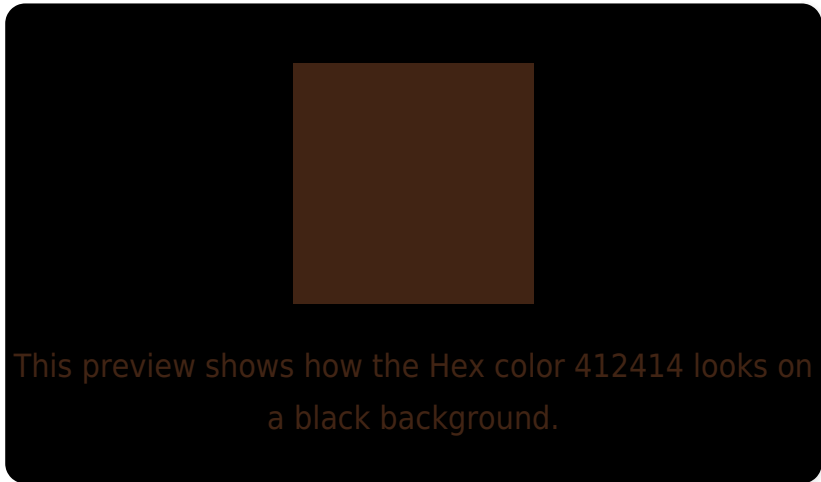
Large Text (above 18pt) WCAG AA ✓ Pass

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

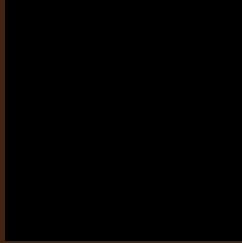
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 412414 Background



This preview shows how black text looks on a background with the Hex color 412414.

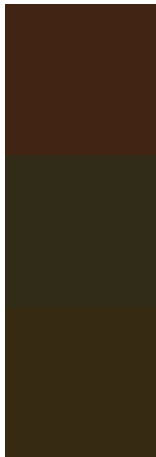


This preview shows how white text looks on a background with the Hex color 412414.

# 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**  
412414

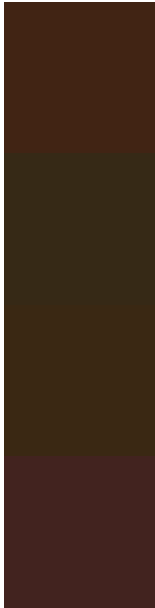
**Protanopia**  
302C17

**Deuteranopia**  
362A13



**Tritanopia**  
422225

# Trichromacy



**Original Color**

412414

**Protanomaly**

362916

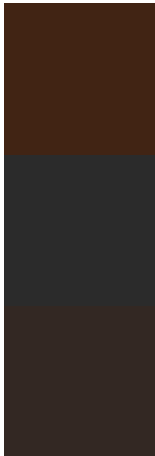
**Deuteranomaly**

3A2813

**Tritanomaly**

42231F

# Monochromacy



**Original Color**

412414

**Achromatopsia**

2B2B2B

**Achromatomaly**

332823

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 412414 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 #412414 looks like.

```
.text, #text, p{  
    color:#412414  
}
```

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 #412414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412414
}
```

## Border

The CSS property to change the border of an element to Hex 412414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

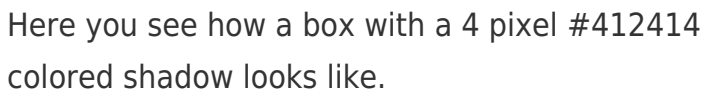
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412414 }
```

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

```
.border{ border-color:#412414 }
```

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



Here you see how a box with a 4 pixel #412414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412414; -webkit-box-shadow:4px 4px  
4px 4px #412414; box-shadow:4px 4px 4px  
4px #412414 }
```

# Background

The CSS property to change the background color of an element to Hex 412414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412414 }
```

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

```
.background{ background-color:#412414 }
```

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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