

# Converting Colors

HunterLab(41.4788, -1.2203,  
7.5695)

Have a look what the booklet for  
HunterLab(41.4788, -1.2203, 7.5695)  
contains.

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# Color

**HunterLab(41.4788, -1.2203,  
7.5695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7266
RGB	123, 114, 102
RGB Percent	48%, 45%, 40%
CMY	0.5176, 0.5529, 0.6000
CMYK	0.00, 0.07, 0.17, 0.52
HSL	34°, 9%, 44%
HSV	34°, 17%, 48%
XYZ	16.5840, 17.2049, 15.0172
YIQ	115.3230, 9.2160, -1.8240

# Conversions

## Conversions Part 2

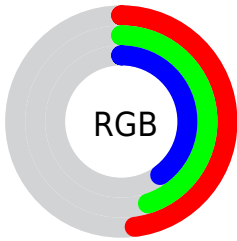
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 123, 102
Decimal	8090214
CIE Lab	48.52, 1.30, 7.90
CIE LCh	49, 8.011, 80.638
Yxy	17.2057, 0.3398, 0.3525
Android (android.graphics.Color)	4286280294 (0xFF7B7266)
YUV	115.3230, -6.5682, 6.7327
Hunter-Lab	41.4788, -1.2203, 7.5695

# Details

The HunterLab color  $41.4788, -1.2203, 7.5695$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $39.5265, -2.6104, -3.7984$ , and the grayscale version is  $41.5527, -2.2171, 2.2576$ .

A 20% lighter version of the original color is  $62.2916, -2.1524, 9.6613$ , and  $23.7236, -0.4207, 5.5779$  is the 20% darker color. If you saturate the color by 10%, you get  $39.7801, -0.3267, 10.1890$ , and if you desaturate by 10%, it is  $43.2337, -1.9519, 4.6510$ .

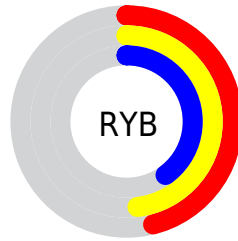
# Distribution



Red (48%)

Green (45%)

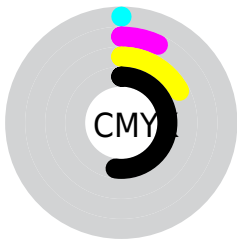
Blue (40%)



Red (46%)

Yellow (48%)

Blue (40%)

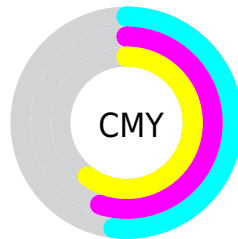


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4788, -1.2203, 7.5695 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 HunterLab color 41.4788, -1.2203, 7.5695 by changing the saturation by 10% instead.



■ 41.4788, -1.2203,  
7.5695

■ 41.4788, -1.2203,  
7.5695

■ 153.7384, -6.6773,  
16.9428

■ 32.2199, -0.8064,  
6.5722

■ 62.1925, -2.1854,  
9.5707

■ 23.7749, -0.4424,  
5.5643

■ 73.5505, -2.7271,  
10.5829

■ 16.2325, -0.1370,  
4.5289

■ 85.5265, -3.3052,  
11.6068

■ 9.7173, 0.0984,  
3.9089

■ 98.0899, -3.9175,  
12.6439

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.2146, -4.5623,  
13.6954

0.0000, NaN, NaN

■ 124.8775, -5.2381,

0.0000, NaN, NaN

14.7621

0.0000, NaN, NaN

139.0582, -5.9435,  
15.8444

■ 41.4788, -1.2203,  
7.5695

■ 41.4788, -1.2203,  
7.5695

■ 39.7801, -0.3267,  
10.1890

■ 43.2337, -1.9519,  
4.6510

■ 38.1384, 0.7417,  
12.4829

■ 45.0386, -2.5279,  
1.4553

■ 36.5587, 1.9920,  
14.4268

■ 46.8912, -2.9594,  
-1.9946

■ 35.0449, 3.4304,  
15.9967

■ 48.7884, -3.2563,  
-5.6782

■ 33.6010, 5.0598,  
17.1718

■ 50.7276, -3.4281,  
-9.5767

■ 32.2309, 6.8789,  
17.9368

■ 52.7063, -3.4837,  
-13.6728

■ 30.9382, 8.8794,  
18.2874

■ 54.7221, -3.4315,  
-17.9511

■ 29.7210, 11.0223,  
18.3006

■ 56.7730, -3.2794,  
-22.3976

■ 29.3752, 11.6528,  
18.3048

■ 58.8569, -3.0346,  
-26.9998

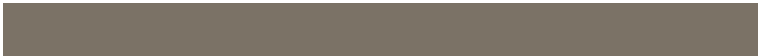
# Harmonies

## Analogous

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



41.4797, 1.7125, 6.4864



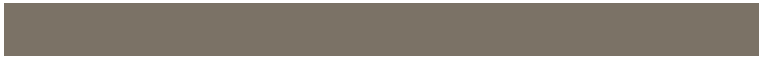
41.4788, -1.2203, 7.5695



41.4797, -4.3373, 7.3152

# Triad

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



41.4797, -1.2215, 7.5701



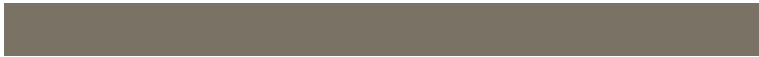
41.4797, -7.7548, 0.1666



41.4797, 2.5921, -1.5814

# Complementary

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



41.4788, -1.2203, 7.5695



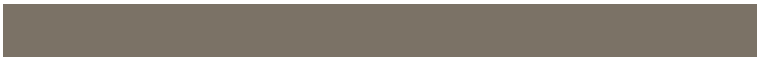
39.5265, -2.6104, -3.7984

# 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.



41.4797, -0.0501, -3.5293



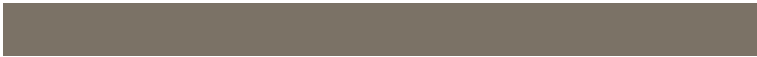
41.4788, -1.2203, 7.5695



41.4797, -6.0025, -2.4688

# Square

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



41.4797, -1.2215, 7.5701



41.4797, -8.0472, 3.1880



41.4797, -3.2002, -3.8656

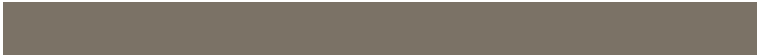


41.4797, 3.9573, 1.3057



# Rectangle

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



41.4788, -1.2203, 7.5695



41.4797, -6.1025, 6.4124



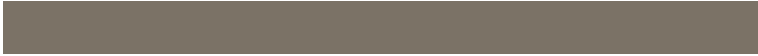
41.4797, -3.2002, -3.8656



41.4797, 1.8201, -2.3766

# Sweetspot

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



41.4797, -1.2215, 7.5701



58.3203, -2.7781, 5.4181



38.5537, 5.6592, 0.6832



28.2353, -1.3246, 2.7466



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



41.4797, -1.2215, 7.5701



54.7214, -1.2506, 11.3752



43.8564, -5.7217, 9.9296



20.8801, -0.8858, 2.5588



29.8590, 11.8907, 18.6072



63.8851, 28.8125, 39.8701



# Inverse Universe

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



39.5265, -2.6104, -3.7984



51.5963, -3.4645, -6.8276



37.2026, 1.9063, -6.9071



20.3709, -1.2499, -0.4014



20.1858, 8.8547, -44.3452

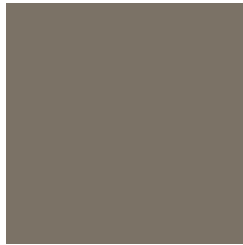


42.2095, 23.4908, -103.4681



# Previews

## White Background



This preview shows how the HunterLab color 41.4788, -1.2203, 7.5695 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 × Fail



# Black Background



This preview shows how the HunterLab color 41.4788, -1.2203, 7.5695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

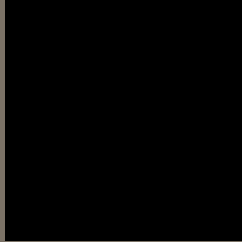
Any Text WCAG AA × Fail

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](#).

# HunterLab 41.4788, -1.2203, 7.5695 Background



This preview shows how black text looks on a background with the HunterLab color 41.4788, -1.2203, 7.5695.



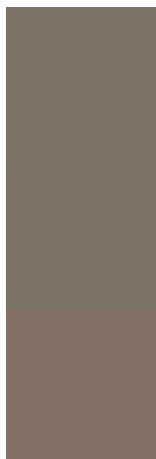
This preview shows how white text looks on a background with the HunterLab color 41.4788, -1.2203,



# 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

41.4788, -1.2203, 7.5695

### Protanopia

41.4896, -2.5882, 7.5569

### Deuteranopia

41.4409, 2.8255, 7.2263



## Tritanopia

41.3339, 3.3776, 0.0403

# Trichromacy



## Original Color

41.4788, -1.2203, 7.5695

## Protanomaly

41.5761, -2.2867, 7.6529

## Deuteranomaly

41.4208, 1.3964, 7.1800

## Tritanomaly

41.3106, 1.5379, 3.0601

# Monochromacy



## Original Color

41.4788, -1.2203, 7.5695

## Achromatopsia

41.4054, -2.2093, 2.2496

## Achromatomaly

41.5196, -2.0824, 4.4821

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.4788, -1.2203, 7.5695 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 `rgb(123, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(123, 114, 102)  
}
```

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 rgb(123, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 114, 102) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.4788, -1.2203, 7.5695 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 rgb(123, 114, 102) }
```



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

```
.border{ border-color:rgb(123, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(123, 114,  
102) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.4788, -1.2203, 7.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 114, 102) }
```

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

```
.background{ background-color: rgb(123,  
114, 102) }
```

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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