

Converting Colors

HunterLab(41.3222, -4.6473,
7.7131)

Have a look what the booklet for
HunterLab(41.3222, -4.6473, 7.7131)
contains.

HunterLab(41.3222, -4.6472, 7.7157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(41.3222, -4.6472,
7.7157)

Conversions

Conversions Part 1

Format	Color
Hex	737465
RGB	115, 116, 101
RGB Percent	45%, 45%, 40%
CMY	0.5490, 0.5451, 0.6039
CMYK	0.01, 0.00, 0.13, 0.55
HSL	64°, 7%, 43%
HSV	64°, 13%, 45%
XYZ	15.6646, 17.0752, 14.7822
YIQ	113.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

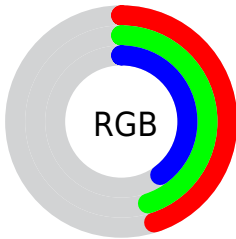
Format	Color
R_{YB}	101, 116, 102
Decimal	7566437
CIE Lab	48.36, -3.26, 8.17
CIE LCh	48, 8.792, 111.749
Yxy	17.0760, 0.3296, 0.3593
Android (android.graphics.Color)	4285756517 (0xFF737465)
YUV	113.9910, -6.4046, 0.8849
Hunter-Lab	41.3222, -4.6472, 7.7157

Details

The HunterLab color $41.3222, -4.6472, 7.7157$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.5973, 0.7574, -4.2055$, and the grayscale version is $41.0407, -2.1898, 2.2298$.

A 20% lighter version of the original color is $62.0385, -6.1188, 9.7310$, and $23.6514, -3.2942, 5.7673$ is the 20% darker color. If you saturate the color by 10%, you get $41.0025, -6.3030, 11.3607$, and if you desaturate by 10%, it is $41.6803, -2.8057, 3.5777$.

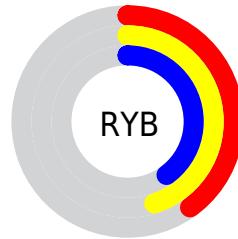
Distribution



Red (45%)

Green (45%)

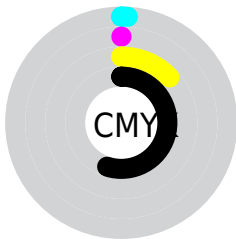
Blue (40%)



Red (40%)

Yellow (45%)

Blue (40%)

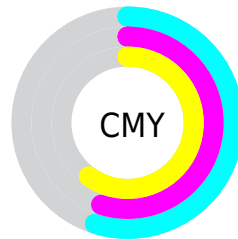


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3222, -4.6472, 7.7157 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 41.3222, -4.6472, 7.7157 by changing the saturation by 10% instead.

■ 41.3222, -4.6472,
7.7157

■ 41.3222, -4.6472,
7.7157

153.4959,
-12.0051, 17.1997

■ 32.0760, -3.9519,
6.7009

■ 62.0132, -6.1149,
9.7472

■ 23.6448, -3.2788,
5.6732

■ 73.3609, -6.8853,
10.7729

■ 16.1180, -2.6262,
4.6147

■ 85.3271, -7.6801,
11.8094

■ 9.6208, -1.9996,
4.0459

■ 97.8812, -8.4989,
12.8584

0.0000, NaN, NaN

0.0000, NaN, NaN

110.9970, -9.3412,
13.9212

0.0000, NaN, NaN

124.6513,

0.0000, NaN, NaN

-10.2067, 14.9987

0.0000, NaN, NaN

138.8237,
-11.0948, 16.0914

■ 41.3222, -4.6472,
7.7157

■ 41.3222, -4.6472,
7.7157

■ 41.0025, -6.3030,
11.3607

■ 41.6803, -2.8057,
3.5777

■ 40.7177, -7.7699,
14.5132

■ 42.0746, -0.7767,
-1.0528

■ 40.4678, -9.0510,
17.1806

■ 42.5065, 1.4359,
-6.1693

■ 40.2513, -10.1504,
19.3747

■ 42.9760, 3.8278,
-11.7625

■ 40.0668, -11.0740,
21.1131

■ 43.4834, 6.3938,
-17.8199

■ 39.9124, -11.8306,
22.4198

■ 44.0283, 9.1276,
-24.3267

■ 39.7857, -12.4317,
23.3258

■ 44.6105, 12.0223,
-31.2660

■ 39.6837, -12.8939,
23.8754

■ 45.2298, 15.0705,
-38.6194

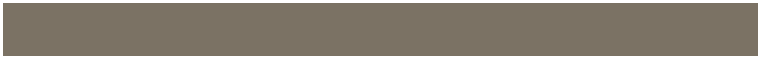
■ 39.6174, -13.1878,
24.1812

■ 45.8855, 18.2641,
-46.3670

Harmonies

Analogous

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



41.3231, -1.2462, 8.0456



41.3222, -4.6472, 7.7157



41.3231, -7.3128, 5.9857

Triad

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



41.3231, -4.6483, 7.7163



41.3231, -6.2536, -3.0467



41.3231, 4.5990, 1.3290

Complementary

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



41.3222, -4.6472, 7.7157



36.5973, 0.7574, -4.2055

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.



41.3231, 3.1591, -1.8722



41.3222, -4.6472, 7.7157



41.3231, -3.1594, -4.5312

Square

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



41.3231, -4.6483, 7.7163



41.3231, -8.2181, -0.1700



41.3231, 0.2921, -4.0845



41.3231, 4.1684, 4.5307

Rectangle

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



41.3222, -4.6472, 7.7157



41.3231, -8.3491, 4.1863



41.3231, 0.2921, -4.0845



41.3231, 4.3160, 0.2138

Sweetspot

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



41.3231, -4.6483, 7.7163



55.2015, -4.0181, 5.4184



37.6242, 2.0170, 3.8170



26.9468, -2.0410, 2.8238



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



41.3231, -4.6483, 7.7163



54.6327, -6.9528, 11.9824



40.7285, -6.7675, 7.0549



20.6263, -1.9674, 3.0680



41.9639, -13.9840, 25.6132



92.5561, -31.1704, 56.4870

Inverse Universe

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



36.5973, 0.7574, -4.2055



46.7154, 2.1220, -8.0396



37.2180, 2.8529, -3.3400



18.9749, -0.0816, -1.0897



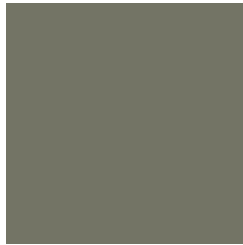
12.1155, 32.4277, -82.7089



26.4807, 71.3893, -184.7486

Previews

White Background



This preview shows how the HunterLab color 41.3222, -4.6472, 7.7157 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 41.3222, -4.6472, 7.7157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

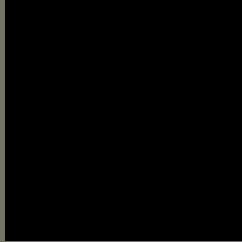
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

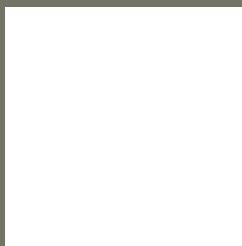
Any Text WCAG AAA × Fail

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

HunterLab 41.3222, -4.6472, 7.7157 Background



This preview shows how black text looks on a background with the HunterLab color 41.3222, -4.6472, 7.7157.



This preview shows how white text looks on a background with the HunterLab color 41.3222, -4.6472, 7.7157.

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

41.3222, -4.6472, 7.7157

Protanopia

41.1677, -2.3943, 7.9614

Deuteranopia

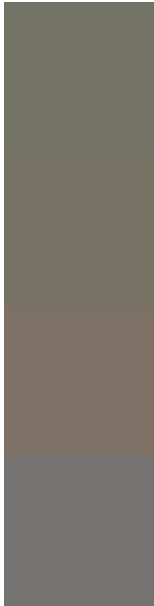
41.3207, 2.3734, 7.4663



Tritanopia

41.3122, 0.6779, -0.9566

Trichromacy



Original Color

41.3222, -4.6472, 7.7157

Protanomaly

41.2712, -3.4468, 8.0503

Deuteranomaly

41.3878, -0.1415, 7.4929

Tritanomaly

41.2692, -1.3270, 2.5355

Monochromacy



Original Color

41.3222, -4.6472, 7.7157

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.1619, -3.3838, 4.4647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3222, -4.6472, 7.7157 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(115, 116, 101)` looks like.

```
.text, #text, p{  
    color:rgb(115, 116, 101)  
}
```

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(115, 116, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 116, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3222, -4.6472, 7.7157 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(115, 116, 101) }
```


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

```
.border{ border-color:rgb(115, 116, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 116, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 116, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 116, 101);  
box-shadow:4px 4px 4px 4px rgb(115, 116,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3222, -4.6472, 7.7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 116, 101) }
```

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

```
.background{ background-color: rgb(115,  
116, 101) }
```

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