

Converting Colors

HunterLab(40.6622, -21.6726,
15.2756)

Have a look what the booklet for
HunterLab(40.6622, -21.6726,
15.2756) contains.

HunterLab(40.7162, -21.6383, 15.2764)	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(40.7162,
-21.6383, 15.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	497D4A
RGB	73, 125, 74
RGB Percent	29%, 49%, 29%
CMY	0.7137, 0.5098, 0.7098
CMYK	0.42, 0.00, 0.41, 0.51
HSL	121°, 26%, 39%
HSV	121°, 42%, 49%
XYZ	11.3173, 16.5781, 9.0820
YIQ	103.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

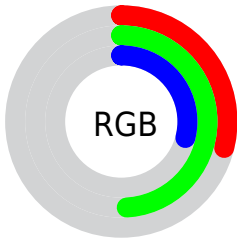
Format	Color
RYB	73, 124, 125
Decimal	4816202
CIELab	47.72, -28.69, 22.48
CIElCh	48, 36.451, 141.915
Yxy	16.5788, 0.3061, 0.4483
Android (android.graphics.Color)	4283006282 (0xFF497D4A)
YUV	103.6380, -14.6115, -26.8695
Hunter-Lab	40.7162, -21.6383, 15.2764

Details

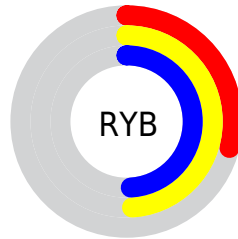
The HunterLab color $40.7162, -21.6383, 15.2764$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32.5279, 22.5291, -14.3207$, and the grayscale version is $37.1277, -1.9810, 2.0172$.

A 20% lighter version of the original color is $61.2829, -26.2489, 19.1732$, and $23.0031, -16.4427, 10.8905$ is the 20% darker color. If you saturate the color by 10%, you get $39.9864, -24.9334, 17.5004$, and if you desaturate by 10%, it is $41.5918, -17.7825, 12.6882$.

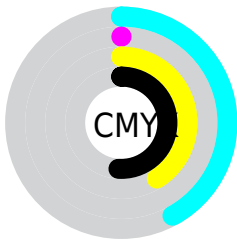
Distribution



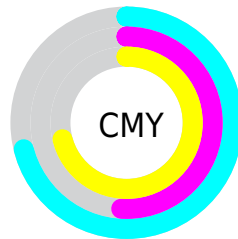
- Red (29%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (49%)



- Cyan (42%)
- Magenta (0%)
- Yellow (41%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7162, -21.6383, 15.2764 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 40.7162, -21.6383, 15.2764 by changing the saturation by 10% instead.

■ 40.7162, -21.6383,
15.2764

■ 40.7162, -21.6383,
15.2764

152.5560,
-40.3341, 31.3022

■ 31.5193, -19.1984,
13.2274

■ 61.3189, -26.1668,
19.1036

■ 23.1423, -16.5757,
11.0367

■ 72.6265, -28.3108,
20.9274

■ 15.6761, -13.6812,
8.8378

■ 84.5546, -30.3988,
22.7110

■ 9.2476, -14.0128,
6.4734

■ 97.0725, -32.4428,
24.4645

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1535,
-34.4520, 26.1952

0.0000, NaN, NaN

123.7745,

0.0000, NaN, NaN

-36.4334, 27.9088

0.0000, NaN, NaN

137.9148,
-38.3926, 29.6100

■ 40.7162, -21.6383,
15.2764

■ 40.7162, -21.6383,
15.2764

■ 39.9864, -24.9334,
17.5004

■ 41.5918, -17.7825,
12.6882

■ 39.3981, -27.6383,
19.3395

■ 42.6102, -13.4051,
9.7630

■ 38.9474, -29.7442,
20.7861

■ 43.7698, -8.5570,
6.5352

■ 38.6265, -31.2630,
21.8457

■ 45.0666, -3.2937,
3.0418

■ 38.4239, -32.2322,
22.5402

■ 46.4954, 2.3286,
-0.6796

■ 38.3055, -32.7979,
22.9226

■ 48.0501, 8.2548,
-4.5928

■ 49.7243, 14.4341,
-8.6642

■ 51.5112, 20.8206,
-12.8640

■ 53.4039, 27.3741,
-17.1660

Harmonies

Analogous

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



40.7171, -11.9391, 19.7837



40.7162, -21.6383, 15.2764



40.7171, -25.9825, 5.7270

Triad

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



40.7171, -21.6390, 15.2767



40.7171, -5.9712, -33.1248



40.7171, 26.6102, 10.8214

Complementary

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



40.7162, -21.6383, 15.2764



32.5279, 22.5291, -14.3207

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.



40.7171, 28.7880, -1.6377



40.7162, -21.6383, 15.2764



40.7171, 8.6064, -30.2921

Square

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



40.7171, -21.6390, 15.2767



40.7171, -17.7882, -24.2206



40.7171, 21.8115, -17.4490



40.7171, 16.2160, 17.8990

Rectangle

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



40.7162, -21.6383, 15.2764



40.7171, -25.7413, -3.5632



40.7171, 21.8115, -17.4490



40.7171, 28.3801, 7.2560

Sweetspot

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



40.7171, -21.6390, 15.2767



58.4582, -11.9167, 9.0550



44.0955, -8.8834, 18.5404



27.8034, -6.0026, 4.5308



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.



40.7171, -21.6390, 15.2767



53.5431, -33.2070, 23.3114



41.2334, -18.5846, 7.7942



21.9544, -3.6289, 2.8343



39.1326, -33.5071, 23.4200

0.0000, NaN, NaN

Inverse Universe

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



32.5279, 22.5291, -14.3207



40.4692, 37.7769, -24.2286



31.6381, 18.2681, -1.9022



21.0025, 1.4462, -0.5696



24.5609, 48.0945, -30.8977

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7162, -21.6383, 15.2764 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 40.7162, -21.6383, 15.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

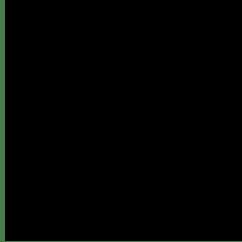
Any Text WCAG AA × Fail

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 40.7162, -21.6383, 15.2764 Background



This preview shows how black text looks on a background with the HunterLab color 40.7162, -21.6383, 15.2764.



This preview shows how white text looks on a background with the HunterLab color 40.7162,

-21.6383, 15.2764.

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

40.7162, -21.6383, 15.2764

Protanopia

40.5597, -4.3157, 16.6869

Deuteranopia

40.5291, 2.7543, 14.4779



Tritanopia

40.7885, -9.4593, -4.7174

Trichromacy



Original Color

40.7162, -21.6383, 15.2764

Protanomaly

40.2253, -11.2676, 15.8029

Deuteranomaly

40.0190, -7.4141, 14.1275

Tritanomaly

40.5745, -14.4637, 4.0172

Monochromacy



Original Color

40.7162, -21.6383, 15.2764

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.3482, -9.9299, 7.4448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7162, -21.6383, 15.2764 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(73, 125, 74)` looks like.

```
.text, #text, p{  
    color:rgb(73, 125, 74)  
}
```

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(73, 125, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 125, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7162, -21.6383, 15.2764 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(73, 125, 74) }
```


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

```
.border{ border-color:rgb(73, 125, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 125, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 125, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 125, 74);  
box-shadow:4px 4px 4px 4px rgb(73, 125,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7162, -21.6383, 15.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 125, 74) }
```

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

```
.background{ background-color: rgb(73, 125,  
74) }
```

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