

Converting Colors

HunterLab(40.4192, -19.9398,
13.5489)

Have a look what the booklet for
HunterLab(40.4192, -19.9398,
13.5489) contains.

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Color

**HunterLab(40.3505,
-19.6898, 13.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7B50
RGB	76, 123, 80
RGB Percent	30%, 48%, 31%
CMY	0.7020, 0.5176, 0.6863
CMYK	0.38, 0.00, 0.35, 0.52
HSL	125°, 24%, 39%
HSV	125°, 38%, 48%
XYZ	11.5114, 16.2816, 10.1254
YIQ	104.0450, -14.2090, -23.3370

Conversions

Conversions Part 2

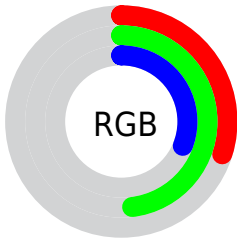
Format	Color
RYB	76, 119, 123
Decimal	5012304
CIELab	47.34, -25.64, 18.60
CIELCh	47, 31.679, 144.047
Yxy	16.2823, 0.3036, 0.4294
Android (android.graphics.Color)	4283202384 (0xFF4C7B50)
YUV	104.0450, -11.8542, -24.5955
Hunter-Lab	40.3505, -19.6898, 13.3674

Details

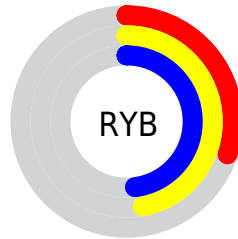
The HunterLab color $40.3505, -19.6898, 13.3674$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32.7294, 19.5306, -11.1077$, and the grayscale version is $37.2715, -1.9887, 2.0250$.

A 20% lighter version of the original color is $60.9708, -23.8265, 16.6159$, and $22.9171, -15.1479, 9.7423$ is the 20% darker color. If you saturate the color by 10%, you get $39.5893, -23.0904, 15.6198$, and if you desaturate by 10%, it is $41.2501, -15.7790, 10.8330$.

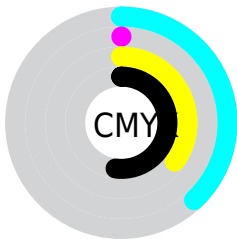
Distribution



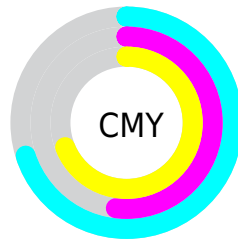
- Red (30%)
- Green (48%)
- Blue (31%)



- Red (30%)
- Yellow (47%)
- Blue (48%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (52%)



- Cyan (70%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3505, -19.6898, 13.3674 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 40.3505, -19.6898, 13.3674 by changing the saturation by 10% instead.

■ 40.3505, -19.6898,
13.3674

■ 40.3505, -19.6898,
13.3674

151.9875,
-36.9825, 27.5585

■ 31.1836, -17.4669,
11.6075

■ 60.8996, -23.8380,
16.6907

■ 22.8395, -15.0868,
9.7398

■ 72.1828, -25.8116,
18.2904

■ 15.4104, -12.4700,
7.7473

■ 84.0878, -27.7395,
19.8643

■ 9.0160, -12.8757,
6.3112

■ 96.5836, -29.6320,
21.4201

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.6436,
-31.4971, 22.9635

0.0000, NaN, NaN

123.2443,

0.0000, NaN, NaN

-33.3408, 24.4989

0.0000, NaN, NaN

137.3651,
-35.1680, 26.0297

■ 40.3505, -19.6898,
13.3674

■ 40.3505, -19.6898,
13.3674

■ 39.5893, -23.0904,
15.6198

■ 41.2501, -15.7790,
10.8330

■ 38.9630, -25.9474,
17.5653

■ 42.2844, -11.3979,
8.0444

■ 38.4695, -28.2447,
19.1880

■ 43.4514, -6.5961,
5.0336

■ 38.1027, -29.9834,
20.4810

■ 44.7468, -1.4255,
1.8334

■ 37.8534, -31.1864,
21.4482

■ 46.1657, 4.0620,
-1.5246

■ 37.6942, -31.9633,
22.0957

■ 47.7021, 9.8168,
-5.0109

■ 37.6690, -32.0836,
22.1764

■ 49.3499, 15.7932,
-8.5990

■ 51.1028, 21.9506,
-12.2657

■ 52.9544, 28.2535,
-15.9911

Harmonies

Analogous

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



40.3513, -11.4138, 17.8983



40.3505, -19.6898, 13.3674



40.3513, -23.2267, 4.4774

Triad

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



40.3513, -19.6905, 13.3678



40.3513, -4.5970, -27.4807



40.3513, 21.9940, 10.3849

Complementary

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



40.3505, -19.6898, 13.3674



32.7294, 19.5306, -11.1077

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.



40.3513, 24.3868, -0.2260



40.3505, -19.6898, 13.3674



40.3513, 8.0216, -24.4731

Square

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



40.3513, -19.6905, 13.3678



40.3513, -15.2148, -20.8003



40.3513, 19.0038, -13.5083



40.3513, 12.8107, 16.5752

Rectangle

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



40.3505, -19.6898, 13.3674



40.3513, -22.7682, -3.7022



40.3513, 19.0038, -13.5083



40.3513, 23.6620, 7.3203

Sweetspot

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



40.3513, -19.6905, 13.3678



57.6487, -10.8474, 7.9969



43.1467, -9.2836, 17.0284



27.8931, -5.6075, 4.0957



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.



40.3513, -19.6905, 13.3678



53.0781, -30.4410, 20.5951



40.8544, -16.7359, 6.0986



21.1069, -3.4182, 2.5796



38.3117, -32.6350, 22.5632



83.6419, -71.4841, 49.7685

Inverse Universe

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



32.7294, 19.5306, -11.1077



40.8191, 32.9854, -18.9046



31.9641, 15.7971, -0.3688



20.1790, 1.3128, -0.3819



23.6184, 45.6215, -24.8476



51.5238, 99.4295, -53.4760

Previews

White Background



This preview shows how the HunterLab color 40.3505, -19.6898, 13.3674 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 40.3505, -19.6898, 13.3674 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 40.3505, -19.6898, 13.3674 Background



This preview shows how black text looks on a background with the HunterLab color 40.3505, -19.6898, 13.3674.



This preview shows how white text looks on a background with the HunterLab color 40.3505,

-19.6898, 13.3674.

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

40.3505, -19.6898, 13.3674

Protanopia

40.2011, -3.9743, 14.8848

Deuteranopia

40.0762, 2.7951, 12.3350



Tritanopia

40.2321, -8.5649, -4.9491

Trichromacy



Original Color

40.3505, -19.6898, 13.3674

Protanomaly

40.0373, -10.2761, 14.0935

Deuteranomaly

39.8491, -6.3590, 12.2674

Tritanomaly

40.1413, -12.9240, 2.7197

Monochromacy



Original Color

40.3505, -19.6898, 13.3674

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.1769, -8.9908, 6.5532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3505, -19.6898, 13.3674 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(76, 123, 80)` looks like.

```
.text, #text, p{  
    color:rgb(76, 123, 80)  
}
```

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(76, 123, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 123, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3505, -19.6898, 13.3674 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(76, 123, 80) }
```


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

```
.border{ border-color:rgb(76, 123, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 123, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 123, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 123, 80);  
box-shadow:4px 4px 4px 4px rgb(76, 123,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3505, -19.6898, 13.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 123, 80) }
```

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

```
.background{ background-color: rgb(76, 123,  
80) }
```

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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