

Converting Colors

HunterLab(40.1750, -19.0084,
17.6780)

Have a look what the booklet for
HunterLab(40.1750, -19.0084,
17.6780) contains.

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Color

**HunterLab(40.2469,
-19.0941, 17.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	557A3E
RGB	85, 122, 62
RGB Percent	33%, 48%, 24%
CMY	0.6667, 0.5216, 0.7569
CMYK	0.30, 0.00, 0.49, 0.52
HSL	97°, 33%, 36%
HSV	97°, 49%, 48%
XYZ	11.5753, 16.1981, 7.0739
YIQ	104.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

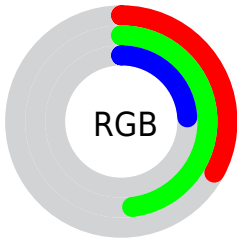
Format	Color
RYB	62, 122, 99
Decimal	5601854
CIELab	47.23, -24.72, 28.62
CIELCh	47, 37.820, 130.817
Yxy	16.1988, 0.3322, 0.4648
Android (android.graphics.Color)	4283791934 (0xFF557A3E)
YUV	104.0970, -20.7538, -16.7481
Hunter-Lab	40.2469, -19.0941, 17.7519

Details

The HunterLab color $40.2469, -19.0941, 17.7519$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $27.3925, 19.7146, -22.6304$, and the grayscale version is $37.3206, -1.9913, 2.0277$.

A 20% lighter version of the original color is $60.8620, -23.3544, 22.4436$, and $22.7543, -14.6885, 12.4866$ is the 20% darker color. If you saturate the color by 10%, you get $39.6812, -21.6226, 19.5975$, and if you desaturate by 10%, it is $40.8892, -16.2507, 15.4654$.

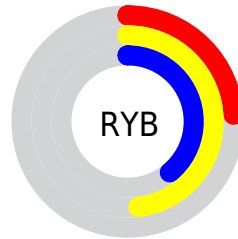
Distribution



Red (33%)

Green (48%)

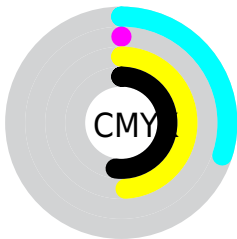
Blue (24%)



Red (24%)

Yellow (48%)

Blue (39%)

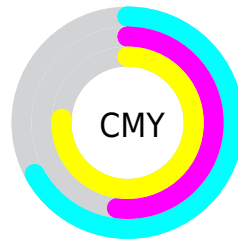


Cyan (30%)

Magenta (0%)

Yellow (49%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2469, -19.0941, 17.7519 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 40.2469, -19.0941, 17.7519 by changing the saturation by 10% instead.

40.2469, -19.0941,
17.7519

40.2469, -19.0941,
17.7519

151.8263,
-35.9626, 36.7932

31.0885, -16.9370,
15.2216

60.7808, -23.1274,
22.4149

22.7539, -14.6303,
12.4937

72.0570, -25.0496,
24.6086

15.3353, -12.0978,
10.4395

83.9554, -26.9291,
26.7374

8.9492, -12.5148,
6.2644

96.4450, -28.7758,
28.8151

0.0000, NaN, NaN

0.0000, NaN, NaN

109.4990,
-30.5973, 30.8522

0.0000, NaN, NaN

123.0940,

0.0000, NaN, NaN

-32.3993, 32.8569

0.0000, NaN, NaN

137.2093,
-34.1866, 34.8355

■ 40.2469, -19.0941,
17.7519

■ 40.2469, -19.0941,
17.7519

■ 39.6812, -21.6226,
19.5975

■ 40.8892, -16.2507,
15.4654

■ 39.1885, -23.8250,
21.0072

■ 41.6055, -13.1030,
12.7400

■ 38.7681, -25.6999,
21.9974

■ 42.3961, -9.6690,
9.5860

■ 38.4172, -27.2523,
22.5972

■ 43.2601, -5.9681,
6.0187

■ 38.1252, -28.5368,
22.9483

■ 44.1959, -2.0217,
2.0579

■ 38.1031, -28.6349,
22.9776

■ 45.2016, 2.1483,
-2.2736

■ 46.2752, 6.5199,
-6.9516

■ 47.4142, 11.0716,
-11.9506

■ 48.6162, 15.7830,
-17.2451

Harmonies

Analogous

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



40.2478, -7.3464, 20.7282



40.2469, -19.0941, 17.7519



40.2478, -25.6313, 10.1014

Triad

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



40.2478, -19.0950, 17.7522



40.2478, -11.0703, -32.6280



40.2478, 29.7478, 6.9421

Complementary

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



40.2469, -19.0941, 17.7519



27.3925, 19.7146, -22.6304

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.



40.2478, 28.3684, -7.7453



40.2469, -19.0941, 17.7519



40.2478, 3.3248, -34.4454

Square

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



40.2478, -19.0950, 17.7522



40.2478, -21.4815, -19.7937



40.2478, 18.1658, -24.1152



40.2478, 21.7002, 16.1603

Rectangle

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



40.2469, -19.0941, 17.7519



40.2478, -26.8104, 1.8035



40.2478, 18.1658, -24.1152



40.2478, 30.3976, 2.5743

Sweetspot

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



40.2478, -19.0950, 17.7522



56.6586, -10.9904, 10.9710



36.6192, 1.0298, 15.2034



27.0020, -5.6450, 5.6183



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.2478, -19.0950, 17.7522



52.5449, -29.0657, 26.2567



39.2092, -22.9963, 15.2438



21.2554, -2.9111, 2.9363



39.0901, -29.4054, 23.5724



85.1071, -65.3440, 51.2987

Inverse Universe

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



27.3925, 19.7146, -22.6304



32.2413, 32.9090, -39.1257



29.7002, 25.2163, -13.6379



20.0111, 0.7742, -0.8203



17.4915, 38.4122, -54.2587



37.5412, 83.0875, -121.4530

Previews

White Background



This preview shows how the HunterLab color 40.2469, -19.0941, 17.7519 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 40.2469, -19.0941, 17.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

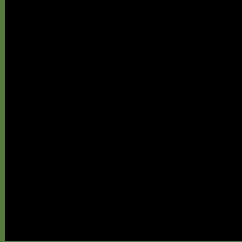
Any Text WCAG AA × Fail

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 40.2469, -19.0941, 17.7519 Background



This preview shows how black text looks on a background with the HunterLab color 40.2469, -19.0941, 17.7519.



This preview shows how white text looks on a background with the HunterLab color 40.2469,

-19.0941, 17.7519.

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

40.2469, -19.0941, 17.7519

Protanopia

40.1308, -4.7270, 18.7315

Deuteranopia

40.1783, 2.5233, 17.1959



Tritanopia

40.1866, -5.9733, -3.4753

Trichromacy



Original Color

40.2469, -19.0941, 17.7519

Protanomaly

40.0721, -10.6970, 18.3830

Deuteranomaly

39.6887, -6.1104, 16.8781

Tritanomaly

40.1505, -11.8379, 6.3523

Monochromacy



Original Color

40.2469, -19.0941, 17.7519

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.2512, -8.9936, 8.7632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2469, -19.0941, 17.7519 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(85, 122, 62)` looks like.

```
.text, #text, p{  
    color:rgb(85, 122, 62)  
}
```

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(85, 122, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 122, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2469, -19.0941, 17.7519 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(85, 122, 62) }
```


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

```
.border{ border-color:rgb(85, 122, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 122, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 122, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 122, 62);  
box-shadow:4px 4px 4px 4px rgb(85, 122,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2469, -19.0941, 17.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 122, 62) }
```

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

```
.background{ background-color: rgb(85, 122,  
62) }
```

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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