

Converting Colors

HunterLab(40.9336, -20.3474,
12.1146)

Have a look what the booklet for
HunterLab(40.9336, -20.3474,
12.1146) contains.

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Color

**HunterLab(40.9336,
-20.3474, 12.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	497D56
RGB	73, 125, 86
RGB Percent	29%, 49%, 34%
CMY	0.7137, 0.5098, 0.6627
CMYK	0.42, 0.00, 0.31, 0.51
HSL	135°, 26%, 39%
HSV	135°, 42%, 49%
XYZ	11.7610, 16.7556, 11.4184
YIQ	105.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

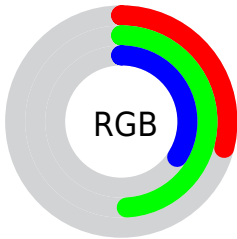
Format	Color
R_{YB}	73, 115, 125
Decimal	4816214
CIE _{Lab}	47.95, -26.49, 15.95
CIE _{LCh}	48, 30.922, 148.958
Yxy	16.7563, 0.2945, 0.4196
Android (android.graphics.Color)	4283006294 (0xFF497D56)
YUV	105.0060, -9.3700, -28.0693
Hunter-Lab	40.9336, -20.3474, 12.1146

Details

The HunterLab color $40.9336, -20.3474, 12.1146$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $32.0862, 20.4266, -8.1980$, and the grayscale version is $37.6274, -2.0077, 2.0444$.

A 20% lighter version of the original color is $61.5658, -24.5972, 15.0744$, and $23.4611, -15.7913, 9.1070$ is the 20% darker color. If you saturate the color by 10%, you get $40.2179, -23.5383, 14.1209$, and if you desaturate by 10%, it is $41.7801, -16.6832, 9.9612$.

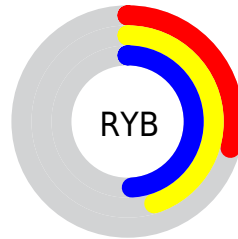
Distribution



Red (29%)

Green (49%)

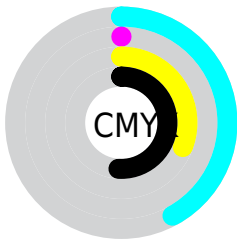
Blue (34%)



Red (29%)

Yellow (45%)

Blue (49%)

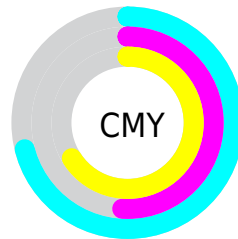


Cyan (42%)

Magenta (0%)

Yellow (31%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9336, -20.3474, 12.1146 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 40.9336, -20.3474, 12.1146 by changing the saturation by 10% instead.

■ 40.9336, -20.3474,
12.1146

■ 40.9336, -20.3474,
12.1146

152.8934,
-38.0116, 25.0636

■ 31.7189, -18.0708,
10.5550

■ 61.5681, -24.5928,
15.0932

■ 23.3224, -15.6330,
8.9144

■ 72.8901, -26.6111,
16.5408

■ 15.8344, -12.9542,
7.1466

■ 84.8319, -28.5814,
17.9728

■ 9.3823, -12.8057,
6.5676

■ 97.3628, -30.5144,
19.3952

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4563,
-32.4183, 20.8125

0.0000, NaN, NaN

124.0893,

0.0000, NaN, NaN

-34.2992, 22.2280

0.0000, NaN, NaN

138.2411,
-36.1624, 23.6444

■ 40.9336, -20.3474,
12.1146

■ 40.9336, -20.3474,
12.1146

■ 40.2179, -23.5383,
14.1209

■ 41.7801, -16.6832,
9.9612

■ 39.6290, -26.2287,
15.9561

■ 42.7545, -12.5788,
7.6841

■ 39.1641, -28.4074,
17.6004

■ 43.8554, -8.0769,
5.3085

■ 38.8170, -30.0787,
19.0379

■ 45.0795, -3.2229,
2.8581

■ 38.5785, -31.2662,
20.2578

■ 46.4226, 1.9369,
0.3551

■ 38.4293, -32.0218,
21.0925

■ 47.8796, 7.3574,
-2.1811

■ 49.4451, 12.9964,
-4.7335

■ 51.1134, 18.8160,
-7.2884

■ 52.8786, 24.7822,
-9.8343

Harmonies

Analogous

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



40.9345, -12.8987, 17.2985



40.9336, -20.3474, 12.1146



40.9345, -23.0314, 2.6306

Triad

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



40.9345, -20.3480, 12.1150



40.9345, -2.6107, -26.8167



40.9345, 20.3364, 11.5971

Complementary

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



40.9336, -20.3474, 12.1146



32.0862, 20.4266, -8.1980

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.



40.9345, 23.9005, 1.8216



40.9336, -20.3474, 12.1146



40.9345, 9.7551, -22.3891

Square

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



40.9345, -20.3480, 12.1150



40.9345, -13.5548, -21.7644



40.9345, 19.8246, -10.9747



40.9345, 10.5765, 17.0666

Rectangle

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



40.9336, -20.3474, 12.1146



40.9345, -22.0283, -5.6727



40.9345, 19.8246, -10.9747



40.9345, 22.3458, 8.8129

Sweetspot

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



40.9345, -20.3480, 12.1150



58.5787, -11.2395, 7.3264



43.1206, -12.4613, 17.6854



27.8649, -5.6559, 3.6474



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.



40.9345, -20.3480, 12.1150



53.8523, -31.3433, 18.7951



41.5383, -16.8003, 3.4204



21.9887, -3.4377, 2.3438



39.2579, -32.7215, 21.5673

0.0000, NaN, NaN

Inverse Universe

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



32.0862, 20.4266, -8.1980



39.6979, 34.2857, -13.6313



31.3006, 16.6237, 2.9010



20.9633, 1.2365, -0.0141

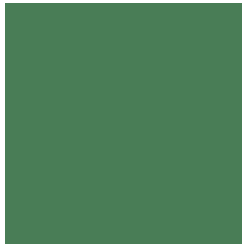


23.2124, 43.3604, -12.9728

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.9336, -20.3474, 12.1146 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 40.9336, -20.3474, 12.1146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

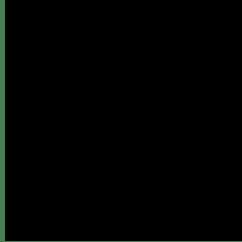
Any Text WCAG AA × Fail

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 40.9336, -20.3474, 12.1146 Background



This preview shows how black text looks on a background with the HunterLab color 40.9336, -20.3474, 12.1146.



This preview shows how white text looks on a background with the HunterLab color 40.9336,

-20.3474, 12.1146.

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

40.9336, -20.3474, 12.1146

Protanopia

40.6717, -3.5163, 13.6521

Deuteranopia

40.7198, 2.5159, 11.0512



Tritanopia

41.0021, -10.1153, -4.9440

Trichromacy



Original Color

40.9336, -20.3474, 12.1146

Protanomaly

40.3611, -10.3453, 12.6676

Deuteranomaly

40.4503, -6.8486, 10.9523

Tritanomaly

40.9556, -14.2958, 2.3698

Monochromacy



Original Color

40.9336, -20.3474, 12.1146

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.4673, -9.2538, 5.7311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9336, -20.3474, 12.1146 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(73, 125, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 125, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9336, -20.3474, 12.1146 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, 86) }
```


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

```
.border{ border-color:rgb(73, 125, 86) }
```

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, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 125, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 125, 86);  
box-shadow:4px 4px 4px 4px rgb(73, 125,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9336, -20.3474, 12.1146 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, 86) }
```

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

```
.background{ background-color: rgb(73, 125,  
86) }
```

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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